# Screening Study SPP-LTSR-2012-003

For OASIS Request #76967833

MAINTAINED BY SPP Engineering, SPP Transmission Service Studies August 27, 2012

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# **Executive Summary**

Kansas City Power and Light has requested a Screening Study to determine the impacts on SPP facilities due to the request to study combined load and resources for KCPL and GMO. The service type requested for this screening study is Long Term Service Request (LTSR). OASIS# 76967833 was studied as one request from 5/31/2014 to 5/31/2019.

The principal objective of this study is to identify system problems and potential system modifications necessary to facilitate the LTSR request while maintaining system reliability. The LTSR request was studied using two system scenarios. The service was modeled by the transfers from KCPL to MPS. The two scenarios were studied to capture system limitations caused or impacted by the requested service. An analysis was conducted on the planning horizon from 5/31/2014 to 5/31/2019.

The service was modeled from KCPL to KCPL. Facilities on the SPP system were identified for the requested service due to the SPP Study Methodology criteria. Tables 1 and 2 summarize the results of the screening study analysis for the transfers for the scenarios listed in the table. Table 1 lists SPP thermal transfer limitations identified. Table 2 lists SPP voltage transfer limitations identified. Table 3 lists the network upgrades required to mitigate the limitations impacted by this request.



## Introduction

Kansas City Power and Light has requested a screening study to determine the impacts on SPP facilities for the request to study combined load and resources for KCPL and GMO.

The purpose of the LTSR Option Screening Study is to provide the Eligible Customer with an <u>approximation</u> of the transmission remediation costs of each potential LTSR and a reasonable <u>cost differential</u> between alternatives for the purpose of an Eligible Customer's ranking of its potential LTSRs. The results of the Screening Study are not binding and the Eligible Customer retains the rights to enter the Aggregate Transmission Service Study. The Screening Study results will not assess the third party impacts and upgrades required. Service will not be granted based on the Screening Study for potential LTSRs on the Transmission System. To obtain a Service Agreement, Eligible Customers must apply for service and follow the application process set forth in Parts II and III of the Tariff.

This study includes steady-state contingency analysis (PSS/E function ACCC). The steady-state analysis considers the impact of the request on transmission line and transformer loadings for outages of single transmission lines, transformers, and generating units, and selected multiple transmission lines and transformers on the SPP and first-tier third party systems.

The LTSR request was studied using two system scenarios. The service was modeled by a transfer from KCPL to MPS. The two scenarios were studied to capture the system limitations caused or impacted by the requested service. Scenario 0 includes projected usage of transmission service included in the SPP 2011 Series Cases. Scenario 5 includes transmission service not already included in the SPP 2011 Series Cases.



## **Study Methodology**

## Description

The facility study analysis was conducted to determine the steady-state impact of the requested service on the SPP system. The steady-state analysis was performed to ensure current SPP Criteria and NERC Reliability Standards requirements are fulfilled. SPP conforms to NERC Reliability Standards, which provide strict requirements related to voltage violations and thermal overloads during normal conditions and during a contingency. NERC Standards require all facilities to be within normal operating ratings for normal system conditions and within emergency ratings after a contingency.

Normal operating ratings and emergency operating ratings monitored are Rate A and B in the SPP Model Development Working Group (MDWG) models, respectively. The upper bound and lower bound of the normal voltage range monitored is 105% and 95%. The upper bound and lower bound of the emergency voltage range monitored is 105% and 90%. Transmission Owner voltage monitoring criteria is used if more restrictive. The SPS Tuco 230 kV bus voltage is monitored at 92.5% due to pre-determined system stability limitations. The WERE Wolf Creek 345 kV bus voltage is monitored at 103.5% and 98.5% due to transmission operating procedure.

The contingency set includes all SPP control area branches and ties 69 kV and above; first tier non-SPP control area branches and ties 115 kV and above; any defined contingencies for these control areas; and generation unit outages for the control areas with SPP reserve share program redispatch. The monitor elements include all SPP control area branches, ties, and buses 69 kV. and above, Voltage monitoring was performed for SPP control area buses 69 kV and above.

A 3 % transfer distribution factor (TDF) cutoff was applied to all SPP control area facilities. For voltage monitoring, a 0.02 per unit change in voltage must occur due to the transfer or modeling upgrades to be considered a valid limit to the transfer.

## **Model Updates**

SPP used four seasonal models to study the KCPL to KCPL request for the requested service period. The following SPP Transmission Expansion Plan 2011 Build 2 Cases were used to study the impact of the requested service on the transmission system:



2013/14 Winter Peak (13WP) 2017 Summer Peak (17SP) 2017/18 Winter Peak (17WP) 2022 Summer Peak (22SP)

The Summer Peak models apply to June through September, and the Winter Peak models apply to December through March.

The chosen base case models were modified to reflect the current modeling information. From the six seasonal models, two system scenarios were developed. Scenario 0 includes projected usage of transmission included in the SPP 2011 Series Cases. Scenario 5 includes transmission not already included in the SPP 2011 Series Cases.

### **Transmission Request Modeling**

Network Integration Transmission Service requests are modeled as Generation to Load transfers in addition to Generation to Generation because the requested Network Integration Transmission Service is a request to serve network load with the new designated network resource, and the impacts on the Transmission System are determined accordingly. Generation to Generation transfers are accomplished by developing a post-transfer case for comparison by dispatching the request source and redispatching the request sink.

## **Transfer Analysis**

Using the selected cases both with and without the requested transfer modeled, the PSS/E Activity ACCC was run on the cases and compared to determine the facility overloads caused or impacted by the transfer. Transfer distribution factor cutoffs and voltage threshold (0.02 change) were applied to determine the impacted facilities. The PSS/E options chosen to conduct the analysis can be found in Appendix A.



# **Study Results**

## **Study Analysis Results**

Tables 1 and 2 contain the initial steady-state analysis results of the LTSR. The tables are attached to the end of this report, if applicable. The tables identify the scenario and season in which the event occurred, the transfer amount studied, the facility control area location, applicable ratings of the thermal transfer limitations and voltage transfer limitations, and the loading percentage and voltage per unit (pu).

Table 1 lists the SPP thermal transfer limitations caused or impacted by the request to study combined load and resources for KCPL and GMO for applicable scenarios. Solutions are identified for the limitations in this table.

Table 2 lists the SPP voltage transfer limitations caused or impacted by the request to study combined load and resources for KCPL and GMO for applicable scenarios. Solutions are identified for the violations in this table.

Table 3 lists the network upgrades required to mitigate the limitations caused or impacted by this request. Engineering and construction costs are provided for assigned upgrades in this table.



## Conclusion

The results of the screening study show that limiting constraints exist within the SPP regional transmission system for the request to study combined load and resources for KCPL and GMO. The next steps are to WITHDRAW the request on OASIS and, if desired, enter a new OASIS request into the aggregate study queue.

The results contained in this study are for informational purposes only. Service will not be granted based on the Screening Study results. To obtain a Service Agreement, Eligible Customers must apply for service and follow the application processes set forth in Parts II and III of the Tariff and enter the Aggregate Study process. The results of the Aggregate Study may vary from the results of this screening study.

As a final step in this process, it is requested that the customer WITHDRAW the LTSR screening study request on OASIS.



## **Appendix A**

#### PSS/E CHOICES IN RUNNING LOAD FLOW PROGRAM AND ACCC

#### **BASE CASES:**

 Solutions: Fixed slope decoupled Newton-Raphson solution (FDNS)

Tap adjustment: Stepping

Area interchange control: Tie lines and loads
 VAR limits: Apply immediately

Solution options:

X Phase shift adjustment

Flat startLock DC taps

\_ Lock switched shunts

## **ACCC CASES for system intact:**

Solutions:
 AC contingency checking (ACCC)

MW mismatch tolerance: 0.5
 Contingency case rating: Rate A
 Percent of rating: 100
 Output code: Summa

Output code: Summary
Min flow change in overload report: 3 MW
Excld cases w/ no overloads form report: YES
Exclude interfaces from report: NO
Perform voltage limit check: YES
Elements in available capacity table: 60000

Cutoff threshold for available capacity table: 99999.0
 Min. contng. case Vltg chng for report: 0.02
 Sorted output: None

Newton Solution:

Tap adjustment: Stepping

Area interchange control: Tie lines and loads
 VAR limits: Apply automatically

Solution options:

X Phase shift adjustment

\_ Flat start \_ Lock DC taps

\_ Lock switched shunts

#### ACCC CASES for branch and transformer contingencies:

Solutions:
 AC contingency checking (ACCC)

MW mismatch tolerance: 0.5
Contingency case rating: Rate B
Percent of rating: 100
Output code: Summary



Min flow change in overload report: 3mw
Excld cases w/ no overloads form report: YES
Exclude interfaces from report: NO
Perform voltage limit check: YES
Elements in available capacity table: 60000
Cutoff threshold for available capacity table: 99999.0
Min. contng. case Vltg chng for report: 0.02
Sorted output: None

Newton Solution:

Tap adjustment: Stepping

Area interchange control:
 VAR limits:
 Tie lines and loads
 Apply automatically

Solution options:

X Phase shift adjustment

Flat startLock DC taps

\_ Lock switched shunts

## ACCC CASES for generator contingencies (largest machine at a bus):

Solutions:
 AC contingency checking (ACCC)

MW mismatch tolerance: 0.5
Contingency case rating: Rate B
Percent of rating: 100
Output code: Summary

Min flow change in overload report: 3mw
Excld cases w/ no overloads form report: YES
Exclude interfaces from report: NO
Perform voltage limit check: YES
Elements in available capacity table: 60000
Cutoff threshold for available capacity table: 99999.0
Min. contng. case Vltg chng for report: 0.02
Sorted output: None

Newton Solution:

Tap adjustment: SteppingArea interchange control: Disabled

Var limits: Apply automatically

Solution options:

X Phase shift adjustment

Flat startLock DC taps

\_ Lock switched shunts

1   190   NATE   NATE   1907		Solution	Upgrade Name	Outaged Branch Causing Overload	Transfer Case % Loading	Monitored Branch Over 100% Rate B	To Area	From Area	Season	Scenario
S   1909   VECTS   VECTS   VECTS   THIS TITLET*** CAPTIVAL ARCTION 1500 OCT   1977   MINISTRAT   CAPTIVAL ARCTION 150	V line from latan to Nashua,Add Nash	Tap Nashua 345kV bus in Hawthorn - St. Joseph 345 kV line. Build new 345 kV line from late 345/161 kV	IATAN - NASHUA 345KV CKT 1	SWISSVALE - WEST GARDNER 345KV CKT 1	_	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	WERE	WERE	13WP	5
1,000   1,00			latan - Jeffrey Energy Center 345 kV KACP	SWISSVALE - WEST GARDNER 345KV CKT 1	110.7	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	WERE	WERE	13WP	5
Section   Proceeding	station will include 115kV buswork, on	running angle and deadends. Substation work at Goodyear (Station 1) substation will inclu 115kV breaker, associated equipme	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	SWISSVALE - WEST GARDNER 345KV CKT 1	110.7	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	WERE	WERE	13WP	5
S	, and shield wire. Substation work at stallation of new fiber optic relay pane	(Station 1) substation will include removal of 345kV carrier equipment and installation of ne	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	SWISSVALE - WEST GARDNER 345KV CKT 1	110.7	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	WERE	WERE	13WP	5
S		Build 56.8 miles of new 345 kV	latan - Jeffrey Energy Center 345 kV WERE	SWISSVALE - WEST GARDNER 345KV CKT 1	110.7	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	WERE	WERE	13WP	5
S   1300   130		Indeterminate	Lacygne - Mariosa 345KV AMRN	SWISSVALE - WEST GARDNER 345KV CKT 1	110.7	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	WERE	WERE	13WP	5
S   1397   WEEK   WEE	3 - Mariosa	Build approximately 181 miles of 345kV Lacygne - Mariosa	Lacygne - Mariosa 345KV KACP	SWISSVALE - WEST GARDNER 345KV CKT 1	110.7	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	WERE	WERE	13WP	5
S	single circuit 345kV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 3	Auburn - Swissvale 345KV	SWISSVALE - WEST GARDNER 345KV CKT 1	110.7	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	WERE	WERE	13WP	5
S   1399   WERE   WERE   STATESTEETCAPTAN_AUCTION 1907 CT   107   SWESSULE - WEST CARDINES 2010 OF TO   10	gle circuit 345kV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345k		SWISSVALE - WEST GARDNER 345KV CKT 1	110.7	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	WERE	WERE	13WP	5
5   1399   WERE   WEEL   STM STREET, CAPTAN ABCTON 1950 CT   1973   SMSSWALE - WEST GARDERS ASSO CO   1500 - 1500 - 1500   1500 - 1500   1500 - 1500   1500 - 1500   1500 - 1500   1500   1500 - 1500   150	nsformer	Replace 400MVA transformer with 560MVA transformer	TRANSFORMER CKT 1	SWISSVALE - WEST GARDNER 345KV CKT 1	110.7	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	WERE	WERE	13WP	5
S   139P   VEEE   VEEE   STH STREET - CAPTAN JUNCTION 159C OCT   107   2 PR STREET - STRANGE CREEK ARRY CRE   139P   VEEE   VEEE   STH STREET - CAPTAN JUNCTION 159C OCT   107   2 PR STREET - STRANGE CREEK ARRY CRE   139P   VEEE   VEEE   STH STREET - CAPTAN JUNCTION 159C OCT   107   2 PR STREET - STRANGE CREEK ARRY CRE   139P   VEEE   VEEE   STH STREET - CAPTAN JUNCTION 159C OCT   107   2 PR STREET - STRANGE CREEK ARRY CRE   139P   VEEE   VEEE   STH STREET - CAPTAN JUNCTION 159C OCT   107   2 PR STREET - STRANGE CREEK ARRY CRE   139P   VEEE   VEEE   STH STREET - CAPTAN JUNCTION 159C OCT   107   2 PR STREET - STRANGE CREEK ARRY CRE   139P   VEEE   VEEE   STH STREET - CAPTAN JUNCTION 159C OCT   107   2 PR STREET - STRANGE CREEK ARRY CRE   139P   VEEE   VEEE   STH STREET - CAPTAN JUNCTION 159C OCT   107   2 PR STREET - STRANGE CREEK ARRY CRE   139P   VEEE   VEEE   STH STREET - CAPTAN JUNCTION 159C OCT   107   2 PR STREET - STRANGE CREEK ARRY CRE   139P   VEEE   VEEE   STH STREET - CAPTAN JUNCTION 159C OCT   107   2 PR STREET - STRANGE CREEK ARRY CRE   139P   VEEE   VEEE   STH STREET - CAPTAN JUNCTION 159C OCT   107   2 PR STREET - STRANGE CREEK ARRY CRE   139P   VEEE   VEEE   STH STREET - CAPTAN JUNCTION 159C OCT   107   2 PR STREET - STRANGE CREEK ARRY CRE   139P   VEEE   VEEE   STH STREET - CAPTAN JUNCTION 159C OCT   107   2 PR STREET - STRANGE CREEK ARRY CRE   139P   VEEE   VEEE   STH STREET - CAPTAN JUNCTION 159C OCT   107   2 PR STREET - STRANGE CREEK ARRY CRE   139P   VEEE   VEEE   STH STREET - CAPTAN JUNCTION 159C OCT   107   2 PR STREET - STRANGE CREEK ARRY CRE   139P   VEEE   VEEE   STH STREET - CAPTAN JUNCTION 159C OCT   107   2 PR STREET - STRANGE CREEK ARRY CRE   139P   VEEE   VEEE   STH STREET - CAPTAN JUNCTION 159C OCT   107   2 PR STREET - STRANGE CREEK ARRY CRE   139P   VEEE   VEEE   STH STREET - CAPTAN JUNCTION 159C OCT   107   2 PR STREET - STRANGE CREEK ARRY CRE   139P   VEEE   VEEE   STH STREET - CAPTAN JUNCTION 159C OCT   107   2 PR STREET - STRANGE CREEK ARRY CRE   139P   VEEE   VEEE   VEEE		Add 345/161kV Transformer		SWISSVALE - WEST GARDNER 345KV CKT 1	110.7	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	WERE	WERE	13WP	5
S   1399   WERE   WERE   STH STREET - CAPTAN JUNCTION 1590 CKT   1978   THE STREAM CREEK SHOW CKT   1978   THE STREAM C			latan - Jeffrey Energy Center 345 kV KACP	1	107.8	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	WERE	WERE	13WP	5
S   1397   WERE   WERE   STH STREET - CAPTAN JANCTON 159/ CPC   1073   1074		running angle and deadends. Substation work at Goodyear (Station 1) substation will inclu		87th STREET - STRANGER CREEK 345KV CKT						_
S	and shield wire. Substation work at	115kV breaker, associated equipme  Rebuild the JEC - Hovt 345kV line as a single circuit with new conductor, poles, and shield with	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	1	107.8	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	WERE	WERE	13WP	5
5   1999   WERE   WERE   STH STREET - CAPTAN JUNCTION 1987 VCT   1973   819 STREET - STRANGER CREEK ASKY CKT   1974   1	stallation of new fiber optic relay pane	(Station 1) substation will include removal of 345kV carrier equipment and installation of ne	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	1	107.8	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	WERE	WERE	13WP	5
S   13WP   WERE   WERE   67TH STREET - CAPTAN JUNCTON 156V CKT   107.8   87Th STREET   13TRANGER CREEK 34SN CKT   150.8   87Th STREET - CAPTAN JUNCTON 156V CKT   107.8   10		Build 56.8 miles of new 345 kV	latan - Jeffrey Energy Center 345 kV WERE	1	107.8	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	WERE	WERE	13WP	5
5   13WP   WERE   WERE   WERE   STH STREET - CAPTAN JUNCTION 115KV CKT   107.8   79° STREET - STRANGER CREEK ASKY CKT   Advan - Seinseniale 3466V KACP   Rebuild the 14.9 mile Autour - Seinseniale 22004 Vine as a single cross 3-5   13WP   WERE   WERE   STH STREET - CAPTAN JUNCTION 115KV CKT   107.8   79° STREET - STRANGER CREEK ASKY CKT   Advan - Seinseniale 3466V KACP   Rebuild the 12.9 mile Julical Advancer - Seinseniale 3466V KACP   Rebuild the 12.9 mile Julical Advancer - Seinseniale 3466V KACP   Rebuild the 12.9 mile Julical Advancer - Seinseniale 3466V KACP   Rebuild the 12.9 mile Julical Advancer - Seinseniale 3466V KACP   Rebuild the 12.9 mile Julical Advancer - Seinseniale 3466V KACP   Rebuild the 12.9 mile Julical Advancer - Seinseniale 3466V KACP   Rebuild the 12.9 mile Julical Advancer - Seinseniale 3466V KACP   Rebuild the 12.9 mile Julical Advancer - Seinseniale 3466V KACP   Rebuild the 12.9 mile Julical Advancer - Seinseniale 3466V KACP   Rebuild the 12.9 mile Julical Advancer - Seinseniale 3466V KACP   Rebuild the 12.9 mile Julical Advancer - Seinseniale 3466V KACP   Rebuild the 12.9 mile Julical Advancer - Seinseniale 3466V KACP   Rebuild the 12.9 mile Julical Advancer - Seinseniale 3466V KACP   Rebuild the 12.9 mile Julical Advancer - Seinseniale 3466V KACP   Rebuild the 12.9 mile Julical Advancer - Seinseniale 3466V KACP   Rebuild the 12.9 mile Julical Advancer - Seinseniale 3466V KACP   Rebuild the 12.9 mile Julical Advancer - Seinseniale 3466V KACP   Rebuild the 12.9 mile Julical Advancer - Seinseniale 3466V KACP   Rebuild the 12.9 mile Julical Advancer - Seinseniale 3466V KACP   Rebuild the 12.9 mile Julical Advancer - Seinseniale 3466V KACP   Rebuild the 12.9 mile Julical Advancer - Seinseniale 3466V KACP   Rebuild the 12.9 mile Julical Advancer - Seinseniale 3466V KACP   Rebuild the 12.9 mile Julical Advancer - Seinseniale 3466V KACP   Rebuild the 12.9 mile Julical Advancer - Seinseniale 3466V KACP   Rebuild the 12.9 mile Julical Advancer - Seinseniale 3466V KACP   Rebuild the 12.9 mile		Indeterminate	Lacygne - Mariosa 345KV AMRN	1	107.8	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	WERE	WERE	13WP	5
5   13WP   WERE   WERE   STH STREET - CAPTAIN JUNCTION 159V CKT 1   107.8   37h STREET - STRANGER CREEK ASSIV CKT 1   107.8   37h STREET - CAPTAIN JUNCTION 159V CKT 1   107.8   37h STREET - CAPTAIN JUNCTION 159V CKT 1   107.8   37h STREET - CAPTAIN JUNCTION 159V CKT 1   107.8   37h STREET - CAPTAIN JUNCTION 159V CKT 1   107.8   37h STREET - CAPTAIN JUNCTION 159V CKT 1   107.8   1   100 STREE	- Mariosa	Build approximately 181 miles of 345kV Lacygne - Mariosa	Lacygne - Mariosa 345KV KACP	1	107.8	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	WERE	WERE	13WP	5
S	single circuit 345kV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 3	Auburn - Swissvale 345KV	1	107.8	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	WERE	WERE	13WP	5
5 13WP WERE WERE STH'S TREET - CAPTAN JUNCTION 15KV CKT 1 107.8 1 1 CKT 11 Add 349/161kV Transformer  5 13WP WERE WERE STH'S TREET - CAPTAN JUNCTION 15KV CKT 1 10.3 HOYT - STRANGER CREEK 345KV CKT 1 Islam - Jeffrey Energy Center 345 kV KACP  8 Reduid 11.25 miles 11s kV ine with bundled 11s2.5 ACSR and wood H-frame tangent structure of the control of	gle circuit 345kV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345k		1	107.8	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	WERE	WERE	13WP	5
5 13WP WERE WERE 87TH STREET - CAPTAN JUNCTION 115KV CKT 1 101.3 HOYT - STRANGER CREEK 345KV CKT 1 Iston - Jeffrey Energy Center 345 kV KACP  8 Build 14.2 miles 115 kV line with brusher association will include removal deadends. Subtation work at Goodyser (Station 1) substance will end associated augment and an analysis of the substance of the	insformer	Replace 400MVA transformer with 560MVA transformer	AUBURN ROAD (AUBRN77X) 345/115/13.8KV	87th STREET - STRANGER CREEK 345KV CKT	107.8	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	WERE	WERE	13WP	5
Rebuild 1125 MERE   STH STREET - CAPTAIN JUNCTION 115KV CKT 1   101.3   HOYT - STRANGER CREEK 345KV CKT 1   GOODYEAR JUNCTION - INDIAN HILLS 115KV CREE   AUGUST 115KV Breaker, as a single circuit 3   HOYT - STRANGER CREEK 345KV CKT 1   Lacygne - Marriosa 345KV AMRN   Rebuild the 14.5 miles 400-35KV and 15.5 miles 11.5 kV line with bundled 11925 ACSR and wood H-Hame targent str. University of the control of			THIOTOT (THIOTTT) OTOT TO TO TO THE THE TOTAL THE	1						5
5 13WP WERE WERE 87TH STREET - CAPTAIN JUNCTION 115KV CKT 1 101.3 HOYT - STRANGER CREEK 345KV CKT 1 GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1 Rebuild the JEC - Hoyt 345KV in as a single icrous this industation will industation on the moderation of the properties of the propertie			latan - Jeffrey Energy Center 345 kV KACP	HOYT - STRANGER CREEK 345KV CKT 1	101.3	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	WERE	WERE	13WP	5
S	station will include 115kV buswork, on	running angle and deadends. Substation work at Goodyear (Station 1) substation will inclu 115kV breaker, associated equipme	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	HOYT - STRANGER CREEK 345KV CKT 1	101.3	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	WERE	WERE	13WP	5
S	, and shield wire. Substation work at stallation of new fiber optic relay pane	(Station 1) substation will include removal of 345kV carrier equipment and installation of ne								
S   13WP   WERE   WERE   WERE   STH STREET - CAPTAIN JUNCTION 115KV CKT 1   101.3   HOYT - STRANGER CREEK 345KV CKT 1   Lacygne - Mariosa 345KV (ACP   Build approximately 18 Indised eminate   HOYT - STRANGER CREEK 345KV CKT 1   Lacygne - Mariosa 345KV (ACP   Build approximately 18 Indised approximately 18 Indised approximately 18 Indised eminate   HOYT - STRANGER CREEK 345KV CKT 1   Lacygne - Mariosa 345KV (ACP   Build approximately 18 Indised approximately 18 Indi				HOYT - STRANGER CREEK 345KV CKT 1		87TH STREET - CAPTAIN JUNCTION 115KV CKT 1				5
5   13WP   WERE   WERE   87TH STREET - CAPTAIN JUNCTION 115KV CKT 1   10.3   HOYT - STRANGER CREEK 345KV CKT 1   Auburn - Swissvale 245KV   Rebuild the 14.9 mile Auburn - Swissvale 250KV in ea as a pingle circuit 345k   Auburn - JEC 345KV   Rebuild the 14.9 mile Auburn - Swissvale 250KV in ea as a pingle circuit 345k   Auburn - JEC 345KV   Rebuild the 14.9 mile Auburn - Swissvale 250KV in ea as a pingle circuit 345k   Auburn - JEC 345KV   Rebuild the 14.9 mile Auburn - Swissvale 250KV in ea as a pingle circuit 345k   Auburn - JEC 345KV   Rebuild the 14.9 mile Auburn - Swissvale 250KV in ea as a pingle circuit 345k   Auburn - JEC 345KV   Rebuild the 14.9 mile Auburn - Swissvale 250KV in ea as a pingle circuit 345k   Auburn - JEC 345KV   Rebuild the 14.9 mile Auburn - Swissvale 250KV in ea as a pingle circuit 345k   Auburn - JEC 345KV   Rebuild the 14.9 mile Auburn - JEC 345KV   Rebuild the 29.6 mile JEC - Auburn 250KV in ea as a pingle circuit 345k   Auburn - JEC 345KV   Rebuild the 29.6 mile JEC - Auburn 250KV in ea as a pingle circuit 345k   Auburn - JEC 345KV   Rebuild the 29.6 mile JEC - Auburn 250KV in ea as a pingle circuit 345k   Auburn - JEC 345KV   Rebuild the 29.6 mile JEC - Auburn 250KV in ea as a pingle circuit 345k   Auburn - JEC 345KV   Rebuild the 29.6 mile JEC - Auburn 250KV in ea as a pingle circuit 345kV   Rebuild the 29.6 mile JEC - Auburn 250KV in ea as a pingle circuit 345kV   Rebuild the 29.6 mile JEC - Auburn 250KV in ea as a pingle circuit 345kV   Rebuild the 29.6 mile JEC - Auburn 250KV in ea as a pingle circuit 345kV   Rebuild the 29.6 mile JEC - Auburn 250KV in ea as a pingle circuit 345kV   Rebuild the 29.6 mile JEC - Auburn 250KV in ea as a pingle circuit 345kV   Rebuild the 29.6 mile JEC - Auburn 250KV in ea as a pingle circuit 345kV   Rebuild the 29.6 mile JEC - Auburn 250KV in ea as a pingle circuit 345kV   Rebuild the 29.6 mile JEC - Auburn 250KV in ea as a pingle circuit 345kV   Rebuild the 29.6 mile JEC - Auburn 250KV in ea as a pingle circuit 345kV   Rebuild the 29.6 mile JE			Lacygne - Mariosa 345KV AMRN			87TH STREET - CAPTAIN JUNCTION 115KV CKT 1				-
13WP   WERE   WERE   87TH STREET - CAPTAIN JUNCTION 115KV CKT 1   10.3   HOYT - STRANGER CREEK 345KV CKT 1   Auburn - JEC 345KV   Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345k	e - Mariosa	Build approximately 181 miles of 345kV Lacygne - Mariosa	Lacygne - Mariosa 345KV KACP	HOYT - STRANGER CREEK 345KV CKT 1		87TH STREET - CAPTAIN JUNCTION 115KV CKT 1				
5 13WP WERE WERE 87TH STREET - CAPTAIN JUNCTION 115KV CKT 1 101.3 HOYT - STRANGER CREEK 345KV CKT 1 TRANSFORMER (CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER (CKT 1 NASHUA (NASH 11) 345/161/18.1K* TRANSFORMER (CKT 1 NASHUA (NASH 11) 345/161/18.1K* TRANSFOR				HOYT STRANGER CREEK 345KV CKT 1		87TH STREET - CAPTAIN JUNCTION 115KV CKI 1				
5 13WP WERE WERE 87TH STREET - CAPTAIN JUNCTION 115KV CKT 1 101.3 HOYT - STRANGER CREEK 345KV CKT 1 latan - Jeffrey Energy Center 345 kV KACP  8 7TH STREET - CAPTAIN JUNCTION 115KV CKT 1 100.4 SWISSVALE - WEST GARDNER 345KV CKT 1 latan - Jeffrey Energy Center 345 kV KACP  8 7TH STREET - CAPTAIN JUNCTION 115KV CKT 1 100.4 SWISSVALE - WEST GARDNER 345KV CKT 1 GOODYEAR JUNCTION - INDIAN HILLS 115KV ine with bundled 112.5 ACSR and wood H-frame tangent str. unning angle and deadends. Substation will include removal closed equipment of 345kV carrier equipment and installation of new 345kV ckt 1 latan - Jeffrey Energy Center 345kV Ckt 1 latan - Jeffrey Energy	2		AUBURN ROAD (AUBRN77X) 345/115/13.8KV							
5 17SP WERE WERE 87TH STREET - CAPTAIN JUNCTION 115KV CKT 1 100.4 SWISSVALE - WEST GARDNER 345KV CKT 1 latan - Jeffrey Energy Center 345 kV KACP Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent str. running angle and deadends. Substation work at Goodyser (Station 1) substation will include removal of 345kV cmming angle and deadends. Substation work at Goodyser (Station 1) substation will include the Jec - Hoty 345kV line as a single circuit 345kV cmming angle and deadends. Substation work at Goodyser (Station 1) substation will include removal of 345kV cmming angle and deadends. Substation work at Goodyser (Station 1) substation will include removal of 345kV cmming angle and deadends. Substation will include removal of 345kV cmming angle and deadends. Substation will include removal of 345kV cmming and place of the work at Goodyser (Station 1) substation will include removal of 345kV cmming and sheld wire (Station 1) substation will include removal of 345kV cmming and sheld wire (Station 1) substation will include removal of 345kV cmming and sheld wire (Station 1) substation will include removal of 345kV cmming and sheld wire requipment and installation of new 345 kV substation will include removal of 345kV cmming and sheld wire requipment and installation of new 345 kV were substation will include removal of 345kV cmming and sheld wire requipment and installation of new 345 kV were substation will include removal of 345kV cmming and sheld wire requipment and installation of new 345 kV were substation will include removal of 345kV cmming and sheld wire requipment and installation of new 345 kV were substation will include removal of 345kV cmming and sheld wire substation will include removal of 345kV cmming and sheld wire removal of 345kV cmming and sheld wire removal of 345kV cmming and sheld wire removal of 345kV cmming and	NOTIFIE		NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER							5
Rebuild 11.5 k/l line with bundled 119.5 k/c/St and wood H-frame tangent str. unring angle and deadeds. Substation work at Goodyear (Station 1) substation will not state equipment and installation of new Substation will be substation will include removal of 345kV carrier equipment and installation of new Substation will include removal of 345kV carrier equipment and installation of new Substation will include removal of 345kV carrier equipment and installation of new Substation will include removal of 345kV carrier equipment and installation of new Substation will include removal of 345kV carrier equipment and installation of new Substation will include removal of 345kV carrier equipment and installation of new 345kV carrier equipment and i										
Rebuild the JEC - Hoty 345kV line as a single circuit with new conductor, poles, and shield wir (Station 1) substation will include removal of 345kV carrier equipment and installation of new 345kV ckT 1  175P WERE WERE 87TH STREET - CAPTAIN JUNCTION 115kV CkT 1  100.4 SWISSVALE - WEST GARDNER 345kV CkT 1  100.4 SWISSVALE - WEST		Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent strunning angle and deadends. Substation work at Goodyear (Station 1) substation will inclu								
5         17SP         WERE         WERE         87TH STREET - CAPTAIN JUNCTION 115KV CKT 1         100.4         SWISSVALE - WEST GARDNER 345KV CKT 1         HOYT - JEFFREY ENERGY CENTER 345KV CKT 1         Substation           5         17SP         WERE         WERE         87TH STREET - CAPTAIN JUNCTION 115KV CKT 1         100.4         SWISSVALE - WEST GARDNER 345KV CKT 1         Lacygne - Mariosa 345KV AMRN         Indeterminate           5         17SP         WERE         87TH STREET - CAPTAIN JUNCTION 115KV CKT 1         100.4         SWISSVALE - WEST GARDNER 345KV CKT 1         Lacygne - Mariosa 345KV AMRN         Indeterminate           5         17SP         WERE         87TH STREET - CAPTAIN JUNCTION 115KV CKT 1         100.4         SWISSVALE - WEST GARDNER 345KV CKT 1         Lacygne - Mariosa 345KV AMRN         Build approximately 181 miles of 345kV Lacygne - Mariosa           5         17SP         WERE         87TH STREET - CAPTAIN JUNCTION 115KV CKT 1         100.4         SWISSVALE - WEST GARDNER 345KV CKT 1         Auburn - Swissvale 345KV         Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV           5         17SP         WERE         87TH STREET - CAPTAIN JUNCTION 115KV CKT 1         100.4         SWISSVALE - WEST GARDNER 345KV CKT 1         Auburn - JEC 345KV         Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV	, and shield wire. Substation work at	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield with	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	SWISSVALE - WEST GARDNER 345KV CKT 1	100.4	87 I H STREET - CAPTAIN JUNCTION 115KV CKT 1	WERE	WERE	17SP	5
5         175P         WERE         87TH STREET - CAPTAIN JUNCTION 115KV CKT 1         100.4         SWISSVALE - WEST GARDNER 345KV CKT 1         Lacygne - Mariosa 345KV AMRN         Indeterminate           5         175P         WERE         87TH STREET - CAPTAIN JUNCTION 115KV CKT 1         100.4         SWISSVALE - WEST GARDNER 345KV CKT 1         Lacygne - Mariosa 345KV KACP         Build approximately 181 miles of 345kV Lacygne - Mariosa           5         175P         WERE         87TH STREET - CAPTAIN JUNCTION 115KV CKT 1         100.4         SWISSVALE - WEST GARDNER 345KV CKT 1         Auburn - Swissvale 345KV         Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV           5         175P         WERE         87TH STREET - CAPTAIN JUNCTION 115KV CKT 1         100.4         SWISSVALE - WEST GARDNER 345KV CKT 1         Auburn - JEC 345KV         Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV	stallation of new fiber optic relay pane		HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	SWISSVALE - WEST GARDNER 345KV CKT 1	100.4	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	WERE	WERE	17SP	5
5 175P WERE 87TH STREET - CAPTAIN JUNCTION 115KV CKT 1 100.4 SWISSVALE - WEST GARDNER 345KV CKT 1 Lacygne - Mariosa 345KV KACP Build approximately 181 miles of 345kV Lacygne - Mariosa 545kV Lacygne - Mariosa 345KV KACP Build approximately 181 miles of 345kV Lacygne - Mariosa 345KV KACP Build approximately 181 miles of 345kV Lacygne - Mariosa 345KV KACP Build approximately 181 miles of 345kV Lacygne - Mariosa 345KV KACP Build approximately 181 miles of 345kV Lacygne - Mariosa 345KV KACP Build approximately 181 miles of 345kV Lacygne - Mariosa 345KV KACP Build approximately 181 miles of 345kV Lacygne - Mariosa 345KV KACP Build approximately 181 miles of 345kV Lacygne - Mariosa 345KV KACP Build approximately 181 miles of 345kV Lacygne - Mariosa 345KV KACP Build approximately 181 miles of 345kV Lacygne - Mariosa 345KV KACP Build approximately 181 miles of 345kV Lacygne - Mariosa 345KV KACP Build approximately 181 miles of 345kV Lacygne - Mariosa 345KV KACP Build approximately 181 miles of 345kV Lacygne - Mariosa 345KV KACP Build approximately 181 miles of 345kV Lacygne - Mariosa 345KV KACP Build approximately 181 miles of 345kV Lacygne - Mariosa 345KV KACP Build approximately 181 miles of 345kV Lacygne - Mariosa 345KV KACP Build approximately 181 miles of 345kV Lacygne - Mariosa 345KV KACP Build approximately 181 miles of 345kV Lacygne - Mariosa 345KV KACP Build approximately 181 miles of 345kV Lacygne - Mariosa 345KV KACP Build approximately 181 miles of 345kV Lacygne - Mariosa 345KV KACP Build approximately 181 miles of 345kV Lacygne - Mariosa 345KV KACP Build approximately 181 miles of 345kV Lacygne - Mariosa 345KV KACP Build approximately 181 miles of 345kV Lacygne - Mariosa 345KV KACP Build approximately 181 miles of 345kV Lacygne - Mariosa 345KV KACP Build approximately 181 miles of 345kV Lacygne - Mariosa 345kV KACP Build approximately 181 miles of 345kV Lacygne - Mariosa 345kV KACP Build approximately 181 miles of 345kV Republic Approximately 181 miles of 345kV Republic Approximately 181 miles of 345kV Repu		Build 56.8 miles of new 345 kV	latan - Jeffrey Energy Center 345 kV WERE	SWISSVALE - WEST GARDNER 345KV CKT 1	100.4	87TH STREET - CAPTAIN JUNCTION 115KV CKT 1	WERE	WERE	17SP	5
5 175P WERE WERE 87TH STREET - CAPTAIN JUNCTION 115KV CKT 1 100.4 SWISSVALE - WEST GARDNER 345KV CKT 1 Auburn - Swissvale 345KV Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 3-45k Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345k										
5 175P WERE WERE 87TH STREET - CAPTAIN JUNCTION 115KV CKT 1 100.4 SWISSVALE - WEST GARDNER 345KV CKT 1 Auburn - JEC 345KV Rebuild the 29.6 mile JEC - Auburn 230KV line as a single circuit 345K										
5 17SP WERE WERE 87TH STREET - CAPTAIN JUNCTION 115KV CKT 1 100.4 SWISSVALE - WEST GARDNER 345KV CKT 1 Auburn - JEC 345KV Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345k		•								5
AUBURN ROAD (AUBRN77X) 345/115/13.8KV			AUBURN ROAD (AUBRN77X) 345/115/13.8KV							5
5 175P WERE 87TH STREET - CAPTAIN JUNCTION 115KV CKT 1 100.4 SWISSVALE - WEST GARDNER 345KV CKT 1 TRANSFORMER CKT 1 Replace 400MVA transformer with 560MVA transformer  NASHUA (NASH1) 345/1611/3 JSRV 1 RANSFORMER NASHUA (NASH1) 345/1611/3 JSRV 1 RANSFORMER CKT 1 Add 345/161kV Transformer	nsformer		TRANSFORMER CKT 1 NASHUA (NASH 11) 345/181713.8KV TRANSFORMER							5
5 17/5P WERE WERE 87/H STREET - CAPIAIN JUNCTION 115KV CRT 1 10.4 SWISSVALE - WEST GARDNER 345KV CRT 1 CRT 11  5 13WP WERE KCPL 87th STREET - CRJ GASKV CRT 1 101.0 IATAN - ST JOE 345KV CRT 1 IATAN - NASHUA 345KV CRT 1 345/161 kV 34	V line from latan to Nashua,Add Nas	Tap Nashua 345kV bus in Hawthorn - St. Joseph 345 kV line. Build new 345 kV line from late								
5 13WP WERE KCPL 87th STREET - CRAIG 345KV CKT 1 101.0 IATAN - ST JOE 345KV CKT 1 1ATAN - NASHUA 345KV CKT 1 345/161 kV  5 13WP WERE WERE 87th STREET - STRANGER CREEK 345KV CKT 1 107.2 IATAN - ST JOE 345KV CKT 1 IATAN - NASHUA 345KV CKT 1 14TAN - NASHUA 345KV CKT	V line from latan to Nashua,Add Nas	Tap Nashua 345kV bus in Hawthorn - St. Joseph 345 kV line. Build new 345 kV line from late					NO. E			5
101/2   WERE   WERE   OF AUTOTREET - STANLAGER CREEK SIGN CAT   101/2   INTAN - 31 JOE SIGN CAT   101/2   INTAN - 31 JOE SIGN CAT   INTAN - 101/2   INTAN - 31 JOE SIGN CAT   INTAN - 101/2   INTAN - 31 JOE SIGN CAT   INTAN - 101/2   INTAN - 31 JOE SIGN CAT   INTAN - 101/2   INTAN - 31 JOE SIGN CAT   INTAN - 101/2				HOYT - JEFFREY ENERGY CENTER 345KV						

		1	1	I		T		Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
5	17SP	WERE	WERE	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	131.0	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
_	17SP	WERE	WERE	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	131.0	HOYT - JEFFREY ENERGY CENTER 345KV	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
3						HOYT - JEFFREY ENERGY CENTER 345KV		
5	17SP	WERE	WERE	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	131.0	CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	131.0	CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	131.0	CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	131.0	CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	131.0	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	131.0	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WFRF	WERE	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	131.0	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	AUBURN ROAD (AUBRN77X) 230/115/13.8KV	100.9	AUBURN ROAD - SWISSVALE 230KV CKT 1	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	Replace 308MVA transformer with 400MVA transformer
-			WEIKE	AUBURN ROAD (AUBRN77X) 230/115/13.8KV			AUBURN ROAD (AUBRN77X) 230/115/13.8KV	
5	22SP	WERE	WERE	TRANSFORMER CKT 1	100.6	AUBURN ROAD - SWISSVALE 230KV CKT 1 DUNCAN ROAD - SIBLEYPL 161.00 161KV	TRANSFORMER CKT 1	Replace 308MVA transformer with 400MVA transformer
	17SP	KCPL	KCPL	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1	137.6	CKT 1 DUNCAN ROAD - SIBLEYPL 161.00 161KV	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #1 BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV	Replace Prairie Lee 800 amp wavetrap with 1200 amp unit
5	17SP	KCPL	KCPL	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1	137.6	CKT 1 DUNCAN ROAD - SIBLEYPL 161.00 161KV	CKT 1 #1 BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV	Upgrade Prairie Lee wave trap to 2000 Amps.
5	17SP	KCPL	KCPL	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1	137.6	CKT 1  DUNCAN ROAD - SIBLEYPL 161.00 161KV	CKT 1 #2	Rebuild 2.5 miles
5	17SP	KCPL	KCPL	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1	137.6	CKT 1	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #2	Rebuild 3.2 miles
5	22SP	KCPL	KCPL	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1	140.1	DUNCAN ROAD - SIBLEYPL 161.00 161KV CKT 1	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #1	Replace Prairie Lee 800 amp wavetrap with 1200 amp unit
5	22SP	KCPL	KCPL	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1	140.1	DUNCAN ROAD - SIBLEYPL 161.00 161KV CKT 1	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #1	Upgrade Prairie Lee wave trap to 2000 Amps.
5	22SP	KCPL	KCPL	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1	140.1	DUNCAN ROAD - SIBLEYPL 161.00 161KV CKT 1	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #2	Rebuild 2.5 miles
_						DUNCAN ROAD - SIBLEYPL 161.00 161KV		
5	22SP	KCPL	KCPL	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1	140.1	CKT 1 DUNCAN ROAD - SIBLEYPL 161.00 161KV	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #2	Rebuild 3.2 miles
5	17SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	147.8	CKT 1 DUNCAN ROAD - SIBLEYPL 161.00 161KV	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #1 BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV	Replace Prairie Lee 800 amp wavetrap with 1200 amp unit
5	17SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	147.8	CKT 1 DUNCAN ROAD - SIBLEYPL 161.00 161KV	CKT 1 #1 BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV	Upgrade Prairie Lee wave trap to 2000 Amps.
5	17SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	147.8	CKT 1 DUNCAN ROAD - SIBLEYPL 161.00 161KV	CKT 1 #2	Rebuild 2.5 miles
5	17SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	147.8 140.1	CKT 1	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #2 BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #1	Rebuild 3.2 miles
5			KCPL			KCPL-MSL#10	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV	Replace Prairie Lee 800 amp wavetrap with 1200 amp unit
5	17SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	140.1	KCPL-MSL#10	CKT 1 #1 BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV	Upgrade Prairie Lee wave trap to 2000 Amps.
5	17SP 17SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	140.1 140.1	KCPL-MSL#10 KCPL-MSL#10	CKT 1 #2 BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #2	Rebuild 2.5 miles Rebuild 3.2 miles
5	22SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	151.4	DUNCAN ROAD - SIBLEYPL 161.00 161KV CKT 1	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #1	Replace Prairie Lee 800 amp wavetrap with 1200 amp unit
5	22SP	KCPI	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	151.4	DUNCAN ROAD - SIBLEYPL 161.00 161KV	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV  CKT 1 #1	
-						DUNCAN ROAD - SIBLEYPL 161.00 161KV	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV	Upgrade Prairie Lee wave trap to 2000 Amps.
5	22SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	151.4	CKT 1 DUNCAN ROAD - SIBLEYPL 161.00 161KV	CKT 1 #2	Rebuild 2.5 miles
5	22SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	151.4	CKT 1 LEEDS - WINCHESTER JUNCTION NORTH	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #2	Rebuild 3.2 miles
5	22SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	143.8	161KV CKT 1 LEEDS - WINCHESTER JUNCTION NORTH	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #1 BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV	Replace Prairie Lee 800 amp wavetrap with 1200 amp unit
5	22SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	143.8	161KV CKT 1	CKT 1 #1	Upgrade Prairie Lee wave trap to 2000 Amps.
5	22SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	143.8	LEEDS - WINCHESTER JUNCTION NORTH 161KV CKT 1	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #2	Rebuild 2.5 miles
5	22SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	143.8	LEEDS - WINCHESTER JUNCTION NORTH 161KV CKT 1	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #2	Rebuild 3.2 miles
5	22SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	141.4	KCPL-MSL#10	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #1 BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV	Replace Prairie Lee 800 amp wavetrap with 1200 amp unit
5	22SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	141.4	KCPL-MSL#10	CKT 1 #1  BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV	Upgrade Prairie Lee wave trap to 2000 Amps.
5	22SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	141.4	KCPL-MSL#10	CKT 1 #2	Rebuild 2.5 miles
5	22SP	KCPL	KCPL	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1	141.4	KCPL-MSL#10 LEEDS - WINCHESTER JUNCTION NORTH	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #2 BLUE SPRINGS EAST - BLUE SPRINGS WEST 161KV	Rebuild 3.2 miles
5	22SP 17WP	KCPL OKGE	KCPL OKGE	BLUE SPRINGS EAST - BLUE SPRINGS WEST 161KV CKT 1 CIMARRON - DRAPER LAKE 345KV CKT 1	102.3 102.4	161KV CKT 1 ARCADIA - HORSESHOE LAKE 345KV CKT 1	CKT 1 CIMARRON - DRAPER LAKE 345KV CKT 1	Replace 800 amp wavetrap with 1200 amp unit Replace Terminal Equipment
5	17WP	OKGE	OKGE	CIMARRON - DRAPER LAKE 345KV CKT 1	102.4	HORSESHOE LAKE - SEMINOLE 345KV CKT 1	CIMARRON - DRAPER LAKE 345KV CKT 1	Replace Terminal Equipment
5	13WP	SUNC	WERE	CIRCLE - MULLERGREN 230KV CKT 1	135.7	KNOLL 230 - SMOKYHL6 230.00 230KV CKT 1	Priority Projects	
5	13WP	SUNC	WERE	CIRCLE - MULLERGREN 230KV CKT 1	123.2	SPP-MKEC-08  KNOLL 230 - POSTROCK6 230.00 230KV CKT	Priority Projects	
5	13WP	SUNC	WERE	CIRCLE - MULLERGREN 230KV CKT 1	119.8	1 SPP-WEPL-03A	Priority Projects	
5 5	13WP 13WP	SUNC	WERE	CIRCLE - MULLERGREN 230KV CKT 1 CIRCLE - MULLERGREN 230KV CKT 1	116.3 116.1	SPP-WEPL-03A SPP-MKEC-06	Priority Projects Priority Projects	
5	13WP	SUNC	WERE	CIRCLE - MULLERGREN 230KV CKT 1	105.5	BASE CASE	Priority Projects	
5	13WP	SUNC	WERE	CIRCLE - MULLERGREN 230KV CKT 1	104.9	JUDSON LARGE (FTDODGE3) 115/34.5/2.4KV TRANSFORMER CKT 1	Priority Projects	
5	13WP 13WP	SUNC	WERE	CIRCLE - MULLERGREN 230KV CKT 1 CIRCLE - MULLERGREN 230KV CKT 1	104.3 104.2	CIRCLE - RENO COUNTY 115KV CKT 1 LACYGNE - NEOSHO 345KV CKT 1	Priority Projects Priority Projects	
5	13WP	SUNC	WERE	CIRCLE - MULLERGREN 230KV CKT 1	104.1	CIRCLE - HUTCHINSON ENERGY CENTER 115KV CKT 1	Priority Projects	
5	IJWF	JUNU	WERE	OINOLL - MOLLLINGREN 230RV ORT I	104.1	LISKY OKT I	i nonty Flojects	

5	13WP	WERE	WERE	CIRCLE (CIRCLE1X) 230/115/13.8KV TRANSFORMER CKT 1	118.7	CIRCLE - EAST MCPHERSON 230KV CKT 1	Priority Projects	
5	13WP	WERE	WERE	CIRCLE (CIRCLE1X) 230/115/13.8KV TRANSFORMER CKT 1	105.3	RENO COUNTY - SUMMIT 345KV CKT 1	Priority Projects	
5	13WP	WERE	WERE	CIRCLE (CIRCLE1X) 230/115/13.8KV TRANSFORMER CKT 1	101.9	SPP-MKEC-06	Priority Projects	
-	4014/5	WEDE	WEDE	OUDOLE (OUDOLEAN) OSSIMATIVA OUS TRANSFORMED OUT		SUMMIT (SUMMIT1X) 345/230/14.4KV	8: 2.8.1	
5	13WP	WERE	WERE	CIRCLE (CIRCLE1X) 230/115/13.8KV TRANSFORMER CKT 1	101.7	TRANSFORMER CKT 1	Priority Projects	
5	13WP	WERE	WERE	CIRCLE (CIRCLE1X) 230/115/13.8KV TRANSFORMER CKT 1	101.1	BASE CASE	Priority Projects	
-	13WP	WERE	WERE	OUDOLE (OUDOLEAN) OSSIMATIVA OUS TRANSFORMED OUT	100.3	SPP-WERE-76	8: 2.8 : .	
5	13WP	NPPD		CIRCLE (CIRCLE1X) 230/115/13.8KV TRANSFORMER CKT 1 COLUMWEST - GRAND ISLAND 230KV CKT 1	117.9	GRAND ISLAND - MCCOOL 345KV CKT 1	Priority Projects HOLT - NELIGH 345KV CKT 1	Build new 16 miles 345 kV Holt - Neligh and associated terminal equipment
								Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76
5	13WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	117.9	GRAND ISLAND - MCCOOL 345KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	miles).  Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substatio
5	13WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	117.9	GRAND ISLAND - MCCOOL 345KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	(Estimated 146 miles).
5	13WP		NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	117.9	GRAND ISLAND - MCCOOL 345KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	13WP	NPPD NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1  COLUMWEST - GRAND ISLAND 230KV CKT 1	117.9	GRAND ISLAND - MCCOOL 345KV CKT 1  GRAND ISLAND - MCCOOL 345KV CKT 1	Neligh - Hoskins 345 kV Ckt1 Neligh 345/115 kV Transformer	Build a new 50 mile 345 kV line from Hoskins to Neligh
5	13WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1  COLUMWEST - GRAND ISLAND 230KV CKT 1	117.9	MCCOOL - MOORE 345KV CKT 1	HOLT - NELIGH 345KV CKT 1	Construct new substation at Neligh. Install a new 345/115 kV transformer at Neligh.  Build new 16 miles 345 kV Holt - Neligh and associated terminal equipment
3	IOWE	INFFD	INFFD	COLUMNEST - GRAND ISLAND 230RV CRT 1	113.0	WICCOOL - WOOKE 343KV CKT T	HOLT - NELIGH 343KV CKT T	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76
5	13WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	113.0	MCCOOL - MOORE 345KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	miles).
5	13WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	113.0	MCCOOL - MOORE 345KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substatio (Estimated 146 miles).
5	13WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	113.0	MCCOOL - MOORE 345KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	13WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	113.0	MCCOOL - MOORE 345KV CKT 1	Neligh - Hoskins 345 kV Ckt1	Build a new 50 mile 345 kV line from Hoskins to Neligh
5	13WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	113.0	MCCOOL - MOORE 345KV CKT 1	Neligh 345/115 kV Transformer	Construct new substation at Neligh. Install a new 345/115 kV transformer at Neligh.
						COLUMEAST - NW68TH & HOLDREGE 345KV		
5	13WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	101.0	CKT 1	HOLT - NELIGH 345KV CKT 1	Build new 16 miles 345 kV Holt - Neligh and associated terminal equipment
5	13WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	101.0	COLUMEAST - NW68TH & HOLDREGE 345KV	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles)
						COLUMEAST - NW68TH & HOLDREGE 345KV	Orieny Co - Centernan 343 kV Okti	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substatio
5	13WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	101.0	CKT 1	Cherry Co - Holt Co 345 kV Ckt1	(Estimated 146 miles).
5	13WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	101.0	COLUMEAST - NW68TH & HOLDREGE 345KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
						COLUMEAST - NW68TH & HOLDREGE 345KV		
5	13WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	101.0	CKT 1  COLUMEAST - NW68TH & HOLDREGE 345KV	Neligh - Hoskins 345 kV Ckt1	Build a new 50 mile 345 kV line from Hoskins to Neligh
5	13WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	101.0	CKT 1	Neligh 345/115 kV Transformer	Construct new substation at Neligh, Install a new 345/115 kV transformer at Neligh.
5	17WP	NPPD		COLUMWEST - GRAND ISLAND 230KV CKT 1	109.4	GRAND ISLAND - MCCOOL 345KV CKT 1	HOLT - NELIGH 345KV CKT 1	Build new 16 miles 345 kV Holt - Neligh and associated terminal equipment
								Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76
5	17WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	109.4	GRAND ISLAND - MCCOOL 345KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	miles).  Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substatio
5	17WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	109.4	GRAND ISLAND - MCCOOL 345KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	(Estimated 146 miles).
5	17WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	109.4	GRAND ISLAND - MCCOOL 345KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	17WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	109.4	GRAND ISLAND - MCCOOL 345KV CKT 1	Neligh - Hoskins 345 kV Ckt1	Build a new 50 mile 345 kV line from Hoskins to Neligh
5	17WP		NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	109.4	GRAND ISLAND - MCCOOL 345KV CKT 1	Neligh 345/115 kV Transformer	Construct new substation at Neligh. Install a new 345/115 kV transformer at Neligh.
5	17WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	104.0	MCCOOL - MOORE 345KV CKT 1	HOLT - NELIGH 345KV CKT 1	Build new 16 miles 345 kV Holt - Neligh and associated terminal equipment
5	17WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	104.0	MCCOOL - MOORE 345KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
								Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substatio
5	17WP	NPPD	NPPD	COLUMWEST - GRAND ISLAND 230KV CKT 1	104.0	MCCOOL - MOORE 345KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	(Estimated 146 miles).
5 5	17WP 17WP	NPPD NPPD		COLUMWEST - GRAND ISLAND 230KV CKT 1  COLUMWEST - GRAND ISLAND 230KV CKT 1	104.0 104.0	MCCOOL - MOORE 345KV CKT 1 MCCOOL - MOORE 345KV CKT 1	Cherry Co 345 kV Terminal Upgrades Neligh - Hoskins 345 kV Ckt1	Build new Cherry County 345 kV Substation.  Build a new 50 mile 345 kV line from Hoskins to Neligh
5	17WP	NPPD		COLUMWEST - GRAND ISLAND 230KV CKT 1	104.0	MCCOOL - MOORE 345KV CKT 1	Neligh 345/115 kV Transformer	Construct new substation at Neligh. Install a new 345/115 kV transformer at Neligh.
5	13WP	NPPD	NPPD	COLUMWEST - KELLY 230KV CKT 1	103.6	GRAND ISLAND - MCCOOL 345KV CKT 1	HOLT - NELIGH 345KV CKT 1	Build new 16 miles 345 kV Holt - Neligh and associated terminal equipment
								Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76
5	13WP	NPPD	NPPD	COLUMWEST - KELLY 230KV CKT 1	103.6	GRAND ISLAND - MCCOOL 345KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	miles).  Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substatio
5	13WP	NPPD	NPPD	COLUMWEST - KELLY 230KV CKT 1	103.6	GRAND ISLAND - MCCOOL 345KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	(Estimated 146 miles).
5	13WP	NPPD	NPPD	COLUMWEST - KELLY 230KV CKT 1	103.6	GRAND ISLAND - MCCOOL 345KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	13WP	NPPD	NPPD	COLUMWEST - KELLY 230KV CKT 1	103.6	GRAND ISLAND - MCCOOL 345KV CKT 1	Neligh - Hoskins 345 kV Ckt1	Build a new 50 mile 345 kV line from Hoskins to Neligh
5	13WP 17SP	NPPD	NPPD	COLUMWEST - KELLY 230KV CKT 1	103.6	GRAND ISLAND - MCCOOL 345KV CKT 1	Neligh 345/115 kV Transformer	Construct new substation at Neligh. Install a new 345/115 kV transformer at Neligh.
5	17SP 17SP	KCPL	KCPL KCPL	CRAIG - LENEXA NORTH 161KV CKT 1 CRAIG - LENEXA NORTH 161KV CKT 1	106.5 105.5	CEDAR CREEK - GREENWOOD 161KV CKT 1  CRAIG - PFLUMM 161KV CKT 1	CRAIG - LENEXA NORTH 161KV CKT 1 CRAIG - LENEXA NORTH 161KV CKT 1	Rebuild 2.95 miles Rebuild 2.95 miles
5	17SP	KCPL	KCPL	CRAIG - LENEXA NORTH 161KV CKT 1	103.0	OVERLAND PARK - PFLUMM 161KV CKT 1	CRAIG - LENEXA NORTH 161KV CKT 1	Rebuild 2.95 miles
5	22SP	KCPL	KCPL	CRAIG - LENEXA NORTH 161KV CKT 1	107.0	CEDAR CREEK - GREENWOOD 161KV CKT 1	CRAIG - LENEXA NORTH 161KV CKT 1	Rebuild 2.95 miles
5	22SP	KCPL		CRAIG - LENEXA NORTH 161KV CKT 1	106.6	CRAIG - PFLUMM 161KV CKT 1	CRAIG - LENEXA NORTH 161KV CKT 1	Rebuild 2.95 miles
5	22SP	KCPL		CRAIG - LENEXA NORTH 161KV CKT 1	103.9	OVERLAND PARK - PFLUMM 161KV CKT 1	CRAIG - LENEXA NORTH 161KV CKT 1	Rebuild 2.95 miles
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	146.4	87th STREET - CRAIG 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
								running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	146.4	87th STREET - CRAIG 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	115kV breaker, associated equipme
								Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	146.4	87th STREET - CRAIG 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	(Station 1) substation will include removal of 345kV carrier equipment and installation of new liber optic relay pariets  Substation
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	146.4	87th STREET - CRAIG 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	146.4	87th STREET - CRAIG 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	146.4	87th STREET - CRAIG 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1  FDWARDSVILLE - MUND 115KV CKT 1	146.4	87th STREET - CRAIG 345KV CKT 1 87th STREET - CRAIG 345KV CKT 1	Auburn - Swissvale 345KV Auburn - JFC 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
							AUBURN ROAD (AUBRN77X) 345/115/13.8KV	
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	146.4	87th STREET - CRAIG 345KV CKT 1	TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	146.4	87th STREET - CRAIG 345KV CKT 1	CKT 11	Add 345/161kV Transformer
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	127.6	IATAN - ST JOE 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
								running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one
		WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	127.6	IATAN - ST JOE 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	115kV breaker, associated equipme
5	13WP	WENE				1		Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
5	13WP	WERE						Todala til 020 Toyto otto ini da a diligio diodit ini non condactor, poloci, and dilicia inicia dioditalon work at 02
5	13WP			FDWARDSVILLE - MUND 115KV CKT 1	127.6	IATAN - ST JOE 345KV CKT 1	HOYT - JEEEREY ENERGY CENTER 345KV CKT 1	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels
5 5 5		WERE WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1 EDWARDSVILLE - MUND 115KV CKT 1 FDWARDSVILLE - MUND 115KV CKT 1	127.6 127.6 127.6	IATAN - ST JOE 345KV CKT 1 IATAN - ST JOE 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 latan - Jeffrey Energy Center 345 kV WERE	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels Substation Build 56.8 miles of new 345 kV

5	13WP	WERE		EDWARDSVILLE - MUND 115KV CKT 1	127.6	IATAN - ST JOE 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	13WP		WERE	EDWARDSVILLE - MUND 115KV CKT 1	127.6	IATAN - ST JOE 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	127.6	IATAN - ST JOE 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
_	401475		WERE	EDWARDOWN E MUND MENO OUT A	407.0	14T4N 0T 10F 045104 016T 4	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	D. J. JOHNSON, J. J. BONNON, J.
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	127.6	IATAN - ST JOE 345KV CKT 1		Replace 400MVA transformer with 560MVA transformer
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	127.6	IATAN - ST JOE 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
- 3	IOVE	WEKE	WEKE	EDWARDSVILLE - MOND ITSKY CRT I	127.0	IATAN - 31 JOE 345KV CRT 1	CRITI	Aud 343/10 TKV Transformer
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.7	SWISSVALE - WEST GARDNER 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
	10111	***	WEIGE	EDWARDOVIEEE MOND FRONT ON T	110.7	CHICOTALE WEST GARBIER STORY SIXT	latan comby Energy content one to to to	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
								running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.7	SWISSVALE - WEST GARDNER 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	115kV breaker, associated equipme
								Rebuild the JEC - Hovt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
								(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.7	SWISSVALE - WEST GARDNER 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Substation
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.7	SWISSVALE - WEST GARDNER 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.7	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.7	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5								
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.7	SWISSVALE - WEST GARDNER 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	EDWARDSWILLE MUND 445KW OKT 4	118.7	CIMICOVALE IMPOT CARRAGE SAFRY OFT A	Ab IEO 245107	Debuild the OO Carille IEC Author COOK! He are a simple significant AFIA
5	ISVVP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	110.7	SWISSVALE - WEST GARDNER 345KV CKT 1	Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.7	SWISSVALE - WEST GARDNER 345KV CKT 1	TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
3	IOVE	WERE	WERE	EDWARDSVILLE - MOND TISKV CRT I	110.7	SWISSVALE - WEST GARDINER S4SRV CRT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400WVA transformer with 500WVA transformer
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.7	SWISSVALE - WEST GARDNER 345KV CKT 1	CKT 11	Add 345/161kV Transformer
5	13WP	WERE		EDWARDSVILLE - MUND 115KV CKT 1	118.1	KCPL-OPGD#08	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
- ŭ			,	The state of the s	7.10.1	2 31 35/100	The state of the s	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
	1	1			1			running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.1	KCPL-OPGD#08	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	115kV breaker, associated equipme
								Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
1	1	1			1			(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.1	KCPL-OPGD#08	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Substation
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.1	KCPL-OPGD#08	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	13WP	WERE		EDWARDSVILLE - MUND 115KV CKT 1	118.1	KCPL-OPGD#08	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.1	KCPL-OPGD#08	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.1	KCPL-OPGD#08	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.1	KCPL-OPGD#08	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
							AUBURN ROAD (AUBRN77X) 345/115/13.8KV	
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.1	KCPL-OPGD#08	TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
_	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	118.1	KCPL-OPGD#08	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	13WP	WERE		EDWARDSVILLE - MUND 115KV CKT 1	117.0	KCPL-OPGD#08 KCPL-OPGD#06	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
-	10111	WEILE	WEIKE	EDWARDSVIELE - MISNO TISKY ORT T	117.0	Roi E-Oi OD#00	latair - Selliey Ellergy Certici 343 KV KACI	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
								running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	117.0	KCPL-OPGD#06	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	115kV breaker, associated equipme
								Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
								(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.
5			WERE	EDWARDSVILLE - MUND 115KV CKT 1	117.0	KCPL-OPGD#06	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Substation
	13WP	WERE	VVENE		117.0			
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	117.0	KCPL-OPGD#06	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	13WP 13WP	WERE WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1 EDWARDSVILLE - MUND 115KV CKT 1	117.0 117.0	KCPL-OPGD#06 KCPL-OPGD#06	Lacygne - Mariosa 345KV AMRN	Indeterminate
5 5	13WP 13WP 13WP	WERE WERE	WERE WERE	EDWARDSVILLE - MUND 115KV CKT 1 EDWARDSVILLE - MUND 115KV CKT 1 EDWARDSVILLE - MUND 115KV CKT 1	117.0 117.0 117.0	KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06	Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV KACP	Indeterminate Build approximately 181 miles of 345kV Lacygne - Mariosa
5 5 5	13WP 13WP 13WP 13WP	WERE WERE WERE	WERE WERE WERE	EDWARDSVILLE - MUND 115KV CKT 1	117.0 117.0 117.0 117.0	KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06	Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV KACP Auburn - Swissvale 345KV	Indeterminate Build approximately 181 miles of 345kV Lacygne - Mariosa Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5 5	13WP 13WP 13WP	WERE WERE	WERE WERE	EDWARDSVILLE - MUND 115KV CKT 1 EDWARDSVILLE - MUND 115KV CKT 1 EDWARDSVILLE - MUND 115KV CKT 1	117.0 117.0 117.0	KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06	Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV KACP Auburn - Swissvale 345KV Auburn - JEC 345KV	Indeterminate Build approximately 181 miles of 345kV Lacygne - Mariosa
5 5 5 5	13WP 13WP 13WP 13WP	WERE WERE WERE WERE	WERE WERE WERE WERE WERE	EDWARDSVILLE - MUND 115KV CKT 1	117.0 117.0 117.0 117.0 117.0	KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#08 KCPL-OPGD#08	Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV KACP Auburn - Swissvale 345KV Auburn - JEC 345KV AUBURN ROAD (AUBURNY7X) 345/115/13.8KV	Indeterminate Build approximately 181 miles of 345kV Lacygne - Mariosa Rebuild the 14.9 mile Aubum - Swissvale 230kV line as a single circuit 345kV Rebuild the 29.6 mile JEC - Aubum 230kV line as a single circuit 345kV
5 5 5	13WP 13WP 13WP 13WP	WERE WERE WERE	WERE WERE WERE	EDWARDSVILLE - MUND 115KV CKT 1	117.0 117.0 117.0 117.0	KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06	Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV KACP Auburn - Swissvale 345KV Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Indeterminate Build approximately 181 miles of 345kV Lacygne - Mariosa Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5 5 5 5	13WP 13WP 13WP 13WP 13WP	WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE	EDWARDSVILLE - MUND 115KV CKT 1	117.0 117.0 117.0 117.0 117.0 117.0	KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06	Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV KACP Auburn - Swissvale 345KV Auburn - Swissvale 345KV Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1 NASHUA (NASH 11) 345/16/11/3.8KV TRANSFORMER	Indeterminate Build approximately 181 miles of 345kV Lacygne - Mariosa Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV Rebuild the 25.6 mile JEC - Auburn 230kV line as a single circuit 345kV Replace 400MVA transformer with 560MVA transformer
5 5 5 5 5	13WP 13WP 13WP 13WP 13WP	WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE	EDWARDSVILLE - MUND 115KV CKT 1	117.0 117.0 117.0 117.0 117.0 117.0 117.0	KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06	Lacygne - Mariosa 345KV KAMRN Lacygne - Mariosa 345KV KACP Auburn - Swissvale 345KV Auburn - JeC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1 NASHUA (NASH 11) 345/16/11/3.8KV TRANSFORMER CKT 1 CKT 11	Indeterminate  Build approximately 181 miles of 345kV Lacygne - Mariosa  Rebuild the 14.9 mile Aubum - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Aubum 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer
5 5 5 5 5	13WP 13WP 13WP 13WP 13WP	WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE	EDWARDSVILLE - MUND 115KV CKT 1	117.0 117.0 117.0 117.0 117.0 117.0	KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06	Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV KACP Auburn - Swissvale 345KV Auburn - Swissvale 345KV Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1 NASHUA (NASH 11) 345/16/11/3.8KV TRANSFORMER	Indeterminate Build approximately 181 miles of 345kV Lacygne - Mariosa Rebuild the 14.9 mile Aubum - Swissvale 230kV line as a single circuit 345kV Rebuild the 29.6 mile JEC - Aubum 230kV line as a single circuit 345kV Rebuild the 29.6 mile JEC - Aubum 230kV line as a single circuit 345kV Replace 400MVA transformer with 560MVA transformer Add 345/161kV Transformer Build 14.2 miles of new 345 kV
5 5 5 5 5	13WP 13WP 13WP 13WP 13WP	WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE	EDWARDSVILLE - MUND 115KV CKT 1	117.0 117.0 117.0 117.0 117.0 117.0 117.0	KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06	Lacygne - Mariosa 345KV KAMRN Lacygne - Mariosa 345KV KACP Auburn - Swissvale 345KV Auburn - JeC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1 NASHUA (NASH 11) 345/16/11/3.8KV TRANSFORMER CKT 1 CKT 11	Indeterminate Build approximately 181 miles of 345kV Lacygne - Mariosa Rebuild the 14.9 mile Aubum - Swissvale 230kV line as a single circuit 345kV Rebuild the 29.6 mile JEC - Aubum 230kV line as a single circuit 345kV Rebuild the 29.6 mile JEC - Aubum 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
5 5 5 5 5	13WP 13WP 13WP 13WP 13WP 13WP 13WP	WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE	EDWARDSVILLE - MUND 115KV CKT 1	117.0 117.0 117.0 117.0 117.0 117.0 117.0 117.0	KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06	Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV KACP Auburn - Swissvale 345KV Auburn - SC 245KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11 latan - Jeffrey Energy Center 345 kV KACP	Indeterminate Build approximately 181 miles of 345kV Lacygne - Mariosa Rebuild the 14.9 mile Aubum - Swissvale 230kV line as a single circuit 345kV Rebuild the 29.6 mile JEC - Aubum 230kV line as a single circuit 345kV Rebuild the 29.6 mile JEC - Aubum 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-trame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one
5 5 5 5 5	13WP 13WP 13WP 13WP 13WP	WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE	EDWARDSVILLE - MUND 115KV CKT 1	117.0 117.0 117.0 117.0 117.0 117.0 117.0	KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06	Lacygne - Mariosa 345KV KAMRN Lacygne - Mariosa 345KV KACP Auburn - Swissvale 345KV Auburn - JeC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1 NASHUA (NASH 11) 345/16/11/3.8KV TRANSFORMER CKT 1 CKT 11	Indeterminate Build approximately 181 miles of 345kV Lacygne - Mariosa Rebuild the 14.9 mile Aubum - Swissvale 230kV line as a single circuit 345kV Rebuild the 29.6 mile JEC - Aubum 230kV line as a single circuit 345kV Rebuild the 29.6 mile JEC - Aubum 230kV line as a single circuit 345kV Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer Build 14.2 miles of new 345 kV Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
5 5 5 5 5	13WP 13WP 13WP 13WP 13WP 13WP 13WP	WERE WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE WERE	EDWARDSVILLE - MUND 115KV CKT 1	117.0 117.0 117.0 117.0 117.0 117.0 117.0 117.0 116.4	КСРL-ОРGD#06 КСРL-ОРGD#06 КСРL-ОРGD#06 КСРL-ОРGD#06 КСРL-ОРGD#06 КСРL-ОРGD#06 КСРL-ОРGD#06 КСРL-ОРGD#06 КСРL-ОРGD#01	Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV KACP Auburn - Swissvale 345KV Auburn - Sei C 345KV AUBURN ROAD (AUBRN7TX) 345/115/13.8KV TRANSFORMER CKT 1 NASHUA (NASH 11) 345/16/11/3.8KV TRANSFORMER CKT 1 latan - Jeffrey Energy Center 345 kV KACP GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Indeterminate Build approximately 181 miles of 345kV Lacygne - Mariosa Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV Rebuild the 25.6 mile JEC - Auburn 230kV line as a single circuit 345kV Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer Build 14.2 miles of new 345 kV Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV breaker, associated equipme Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation of new fiber optic relay panels.
5 5 5 5 5 5 5	13WP 13WP 13WP 13WP 13WP 13WP 13WP 13WP	WERE WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE WERE	EDWARDSVILLE - MUND 115KV CKT 1	117.0 117.0 117.0 117.0 117.0 117.0 117.0 117.0 116.4	KCPL-OPGD#06	Lacygne - Mariosa 345KV KAMRN Lacygne - Mariosa 345KV KACP Auburn - Swissvale 345KV Auburn - SEC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/1/3.8KV TRANSFORMER CKT 11 latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Indeterminate Build approximately 181 miles of 345kV Lacygne - Mariosa Rebuild the 14.9 mile Aubum - Swissvale 230kV line as a single circuit 345kV Rebuild the 29.6 mile JEC - Aubum 230kV line as a single circuit 345kV Rebuild the 29.6 mile JEC - Aubum 230kV line as a single circuit 345kV Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer Build 14.2 miles of new 345 kV Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV bracker, associated equipme Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.
5 5 5 5 5 5 5 5 5	13WP 13WP 13WP 13WP 13WP 13WP 13WP 13WP	WERE WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE WERE	EDWARDSVILLE - MUND 115KV CKT 1	117.0 117.0 117.0 117.0 117.0 117.0 117.0 117.0 116.4	КСРL-ОРСВ#06 КСРL-ОРСВ#06 КСРL-ОРСВ#06 КСРL-ОРСВ#06 КСРL-ОРСВ#06 КСРL-ОРСВ#06 КСРL-ОРСВ#06 КСРL-ОРСВ#06 КСРL-ОРСВ#01 КСРL-ОРСВ#01 КСРL-ОРСВ#01 КСРL-ОРСВ#01 КСРL-ОРСВ#01 КСРL-ОРСВ#01	Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV KACP Auburn - Swissvale 345KV Auburn - Sei Ca 345KV AUBURN ROAD (AUBRN7TX) 345/15/13.8KV TRANSFORMER CKT 1 NASHUA (NASH 11) 345/16/13.8KV TRANSFORMER CKT 1 latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 latan - Jeffrey Energy Center 345 kV WERE	Indeterminate Build approximately 181 miles of 345kV Lacygne - Mariosa Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer Build 14.2 miles of new 345 kV Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-trame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyers (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation Buil 56.8 miles of new 345 kV
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	13WP 13WP 13WP 13WP 13WP 13WP 13WP 13WP	WERE WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE WERE	EDWARDSVILLE - MUND 115KV CKT 1  EDWARDSVILLE - MUND 115KV CKT 1  EDWARDSVILLE - MUND 115KV CKT 1  EDWARDSVILLE - MUND 115KV CKT 1  EDWARDSVILLE - MUND 115KV CKT 1  EDWARDSVILLE - MUND 115KV CKT 1  EDWARDSVILLE - MUND 115KV CKT 1  EDWARDSVILLE - MUND 115KV CKT 1  EDWARDSVILLE - MUND 115KV CKT 1  EDWARDSVILLE - MUND 115KV CKT 1	117.0 117.0 117.0 117.0 117.0 117.0 117.0 116.4 116.4	KCPL-OPGD#06     KCPL-OPGD#06     KCPL-OPGD#06     KCPL-OPGD#06     KCPL-OPGD#06     KCPL-OPGD#06     KCPL-OPGD#06     KCPL-OPGD#06     KCPL-OPGD#01     KC	Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV KACP Auburn - Swissvale 345KV Auburn - SCE 345KV AUBURN ROAD (AUBRN7TX) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/13.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AMRN	Indeterminate Build approximately 181 miles of 345kV Lacygne - Mariosa Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer Build 14.2 miles of new 345 kV Rebuild 11.25 miles 115 kV line with bundled 1192.5 A CSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels Substation will include removal of 56.8 miles of new 345 kV Indexernate in the substation will include removal of 36.8 miles of new 345 kV Indexernate in the substation will include removal of 36.8 miles of new 345 kV Indexernate in the substation will include removal of 36.8 miles of new 345 kV Indexernate in the substation will include removal of 36.8 miles of new 345 kV Indexernate in the substation will include removal of 36.8 miles of new 345 kV Indexernate in the substation will include removal of 36.8 miles of new 345 kV Indexernate in the substation will include removal of 36.8 miles of new 345 kV Indexernate in the substation will include removal of 36.8 miles of new 345 kV Indexernate in the substation will include removal of 36.8 miles of new 345 kV Indexernate in the substation will include removal of 36.8 miles of new 345 kV Indexernate in the substation will include removal of 36.8 miles of new 345 kV Indexernate in the substation will include removal of 36.8 miles of new 345 kV Indexernate in the substation will include removal of 36.8 miles of new 345 kV Indexernate in the substation will include removal of 36.8 mi
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5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	13WP 13WP 13WP 13WP 13WP 13WP 13WP 13WP	WERE WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE WERE	EDWARDSVILLE - MUND 115KV CKT 1	117.0 117.0 117.0 117.0 117.0 117.0 117.0 117.0 117.0 116.4 116.4 116.4 116.4 116.4 116.4 116.4	KCPL-OPGD#06     KCPL-OPGD#06     KCPL-OPGD#06     KCPL-OPGD#06     KCPL-OPGD#06     KCPL-OPGD#06     KCPL-OPGD#06     KCPL-OPGD#06     KCPL-OPGD#01     KC	Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV KACP Auburn - Swissvale 345KV Auburn - SEC 345KV AUburn - SEC 345KV AUburn - SEC 345KV AUBURN ROAD (AUBRN7TX) 345/15/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/11.3.8KV TRANSFORMER CKT 1  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AKRN Lacygne - Mariosa 345KV KACP Auburn - Swissvale 345KV Auburn - Swissvale 345KV AUBURN ROAD (AUBRN7X) 345/11/31.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/61/41.3.8KV TRANSFORMER	Indeterminate Build approximately 181 miles of 345kV Lacygne - Mariosa Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation  Build 56.8 miles of new 345kV  Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Build 14.2 miles of new 345 kV  Red 154 mee 36 mile JEC - Auburn 230kV line as a single circuit 345kV
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	13WP 13WP 13WP 13WP 13WP 13WP 13WP 13WP	WERE WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE WERE	EDWARDSVILLE - MUND 115KV CKT 1	117.0 117.0 117.0 117.0 117.0 117.0 117.0 117.0 116.4 116.4 116.4 116.4 116.4 116.4 116.4 116.4 116.4	KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#01	Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV KACP Auburn - Swissvale 345KV Auburn - SeC 345KV AUburn - SEC 345KV AUburn - SEC 345KV AUBURN ROAD (AUBRN77X) 345/15/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/113.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV MKRN Lacygne - Mariosa 345KV AKRV AUburn - SWISSWISS 345KV AUBurn - JEC 345KV AUBurn - JEC 345KV AUBURN ROAD (AUBRN7X) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/113.8KV TRANSFORMER CKT 11  NASHUA (NASH 11) 345/16/113.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP	Indeterminate Build approximately 181 miles of 345kV Lacygne - Mariosa Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 346 kV Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV bracker, associated equipme Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels Substation  Build 56.8 miles of new 345 kV Indeterminate and installation of new fiber optic relay panels indeterminate. Substation will include removal to 145kV armines of 345kV Lacygne - Mariosa  Rebuild the 14.9 mile Auburn - Swissvale 250kV line as a single circuit 345kV Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV in event and the substation will include 115kV buswork, one running angle and deadends. Substation voted Goodyner (Station 1) substation will include 115kV buswork of new note and substation will include 115kV buswork of new note and substation will include 115kV buswork of new note and substation will include 115kV buswork of new note and substation would for new fiber of 145kV buswork of new 36kV vision 15kd bustation work and Goodyner (Station 1) substation will include 115kV buswork of new 36kV buswo
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	13WP 13WP 13WP 13WP 13WP 13WP 13WP 13WP	WERE WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE WERE	EDWARDSVILLE - MUND 115KV CKT 1	117.0 117.0 117.0 117.0 117.0 117.0 117.0 117.0 117.0 116.4 116.4 116.4 116.4 116.4 116.4 116.4	KCPL-OPGD#06     KCPL-OPGD#06     KCPL-OPGD#06     KCPL-OPGD#06     KCPL-OPGD#06     KCPL-OPGD#06     KCPL-OPGD#06     KCPL-OPGD#06     KCPL-OPGD#01     KC	Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV KACP Auburn - Swissvale 345KV Auburn - SC 345KV Auburn - SC 345KV AUburn - SC 345KV AUBURN ROAD (AUBEN77X) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/13.8KV TRANSFORMER CKT 11 Iatan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1 Iatan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AMRN Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/15/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/13.8KV TRANSFORMER	Indeterminate Build approximately 181 miles of 345kV Lacygne - Mariosa Rebuild the 14.9 mile Aubum - Swissvale 230kV line as a single circuit 345kV Rebuild the 29.6 mile JEC - Aubum 230kV line as a single circuit 345kV Rebuild the 29.6 mile JEC - Aubum 230kV line as a single circuit 345kV Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer Build 14.2 miles of new 345 kV Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation Build 56.8 miles of new 345 kV included the 14.9 mile Aubum - Swissvale 230kV line as a single circuit 345kV Rebuild the 14.9 mile Aubum - Swissvale 230kV line as a single circuit 345kV Rebuild the 29.6 mile JEC - Aubum 230kV line as a single circuit 345kV Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer Build 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV braeker, associated equipme
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	13WP 13WP 13WP 13WP 13WP 13WP 13WP 13WP	WERE WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE WERE	EDWARDSVILLE - MUND 115KV CKT 1	117.0 117.0 117.0 117.0 117.0 117.0 117.0 117.0 116.4 116.4 116.4 116.4 116.4 116.4 116.4 116.4 116.4	KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#01	Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV KACP Auburn - Swissvale 345KV Auburn - SeC 345KV AUburn - SEC 345KV AUburn - SEC 345KV AUBURN ROAD (AUBRN77X) 345/15/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/113.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV MKRN Lacygne - Mariosa 345KV AKRV AUburn - SWISSWISS 345KV AUBurn - JEC 345KV AUBurn - JEC 345KV AUBURN ROAD (AUBRN7X) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/113.8KV TRANSFORMER CKT 11  NASHUA (NASH 11) 345/16/113.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP	Indeterminate Build approximately 181 miles of 345kV Lacygne - Mariosa Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels Substation  Build 56.8 miles of new 345kV  Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 25.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at JE  Rebuild the JEC - Hoyt 345kV line as a single circuit 345kV burseker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit 345kV burseker, associated equipme
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	13WP 13WP 13WP 13WP 13WP 13WP 13WP 13WP	WERE WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE WERE	EDWARDSVILLE - MUND 115KV CKT 1	117.0 117.0 117.0 117.0 117.0 117.0 117.0 117.0 117.0 116.4 116.4 116.4 116.4 116.4 116.4 116.4 116.4 116.4 116.4 116.4	KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#01 LACYGNE - STILWELL 345KV CKT 1 LACYGNE - STILWELL 345KV CKT 1	Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV KACP Auburn - Swissvale 345KV Auburn - SWISSvale 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV AMRN Auburn - Swissvale 345KV AUBURN ROAD (AUBRN7X) 345/15/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/13.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP AUBURN ROAD (AUBRN7X) 345/15/13.8KV TRANSFORMER CKT 1  AUBURN ROAD (AUBRN7X) 345/15/13.8KV TRANSFORMER CKT 1  Latan - Jeffrey Energy Center 345 kV KACP GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Indeterminate Build approximately 181 miles of 345kV Lacygne - Mariosa Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H1rame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation Build 56.8 miles of new 345 kV Indeterminate Build approximately 181 miles of 345kV Lacygne - Mariosa Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV braeker, associated equipmer
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5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	13WP 13WP 13WP 13WP 13WP 13WP 13WP 13WP	WERE	WERE WERE WERE WERE WERE WERE WERE WERE	EDWARDSVILLE - MUND 115KV CKT 1	117.0 117.0 117.0 117.0 117.0 117.0 117.0 117.0 116.4 116.4 116.4 116.4 116.4 116.4 116.3 116.3 116.3 116.3 116.3 116.3 116.3 116.3 116.3 116.3 116.3	KCPL-OPGD#06	Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV KACP Auburn - Swissvale 345KV Auburn - Sei C 345KV AUBURN ROAD (AUBRN7TX) 345/16/13.8KV TRANSFORMER CKT 1 Interpretation - Inter	Indeterminate Build approximately 181 miles of 345kV Lacygne - Mariosa Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV brasker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include 115kV buswork, one 15kV carrier equipment and installation of new fiber optic relay panels. Substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation will include the 15kV substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation will be 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV Rebuild the 25.6 mile JEC - Auburn 230kV line as a single circuit 345kV Rebuild the 25.6 mile JEC - Auburn 230kV line as a single circuit 345kV buswork, one 115kV line with build 14.2 miles of new 345 kV Rebuild the 14.9 mile Auburd 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running apple and deadends. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels Substation will include removal of 345kV carrier equipment and installation of new
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	13WP 13WP 13WP 13WP 13WP 13WP 13WP 13WP	WERE	WERE WERE WERE WERE WERE WERE WERE WERE	EDWARDSVILLE - MUND 115KV CKT 1	117.0 117.0 117.0 117.0 117.0 117.0 117.0 117.0 116.4 116.4 116.4 116.4 116.4 116.4 116.3 116.3 116.3 116.3 116.3 116.3 116.3	KCPL-OPGD#06	Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV KACP Auburn - Swissvale 345KV Auburn - SEC 345KV AUburn - SEC 345KV AUBURN ROAD (AUBRN7TX) 345/15/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/13.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 KV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  latan - Jeffrey Energy Center 345 KV WERE Lacygne - Mariosa 345KV AKRN Lacygne - Mariosa 345KV AKRN AUburn - Swissvale 345KV AUBURN ROAD (AUBRN7TX) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/113.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 KV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  latan - Jeffrey Energy Center 345 KV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  latan - Jeffrey Energy Center 345 KV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  latan - Jeffrey Energy Center 345 KV WERE Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV KACP Auburn - Swissvale 345KV AUBURN ROAD (AUBRN7TX) 345/115/13.8KV TRANSFORMER CKT 1	Indeterminate Build approximately 181 miles of 345kV Lacygne - Mariosa Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-trame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV braskor, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include temoral of 345kV carrier equipment and installation of new fiber optic relay panels. Substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation will include temoral to 345kV carrier equipment and installation of new fiber optic relay panels. Substation miles of 168 miles of 168 kV lines as a single circuit 345kV reduced to 158 kV lines and 158 kV lines as a single circuit 345kV Rebuild the 14.9 mile Auburn - Swissvale 250kV line as a single circuit 345kV Rebuild the 25.6 mile JEC - Auburn 230kV line as a single circuit 345kV Rebuild the 25.6 mile JEC - Auburn 230kV line as a single circuit 345kV publication 115kV line with build 14.2 miles of new 345 kV lines as a single circuit 345kV buswork, one 115kV line with build 14.2 miles of new 345 kV lines as a single circuit 345kV buswork, one 115kV line with build 14.2 miles of new 345 kV lines as a single circuit 345kV buswork, one 115kV brasker, associated equipmen and installation of new fiber optic relay panels Substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels Substation will include removal of 345kV carrier equipment and installation of new fi
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	13WP 13WP 13WP 13WP 13WP 13WP 13WP 13WP	WERE	WERE WERE WERE WERE WERE WERE WERE WERE	EDWARDSVILLE - MUND 115KV CKT 1	117.0 117.0 117.0 117.0 117.0 117.0 117.0 117.0 116.4 116.4 116.4 116.4 116.4 116.4 116.3 116.3 116.3 116.3 116.3 116.3 116.3 116.3 116.3 116.3 116.3	KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#06 KCPL-OPGD#01 KCPL-OPGD#01 KCPL-OPGD#01 KCPL-OPGD#01 KCPL-OPGD#01 KCPL-OPGD#01 KCPL-OPGD#01 KCPL-OPGD#01 KCPL-OPGD#01 LCPL-OPGD#01 KCPL-OPGD#01 KCPL-OPGD#01 LCPL-OPGD#01 LCPL-OPGD#01 LCPL-OPGD#01 LACYGNE - STILWELL 345KV CKT 1	Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV KACP Auburn - Swissvale 345KV Auburn - Sei C 345KV AUBURN ROAD (AUBRN7TX) 345/16/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/13.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV WREE Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV KACP Auburn - Swissvale 345KV AUBURN ROAD (AUBRN7X) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/13.8KV TRANSFORMER CKT 11  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV WACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  latan - Jeffrey Energy Center 345 kV WREE Lacygne - Mariosa 345KV AKACP  Auburn - Swissvale 345KV Auburn - JEC 345KV Auburn - JEC 345KV AUBURN ROAD (AUBRN7X) 345/115/13.8KV TRANSFORMER AUBURN ROAD (AUBRN7X) 345/115/13.8KV AUBURN ROAD (AUBRN7X) 345/115/13.8KV AUBURN ROAD (AUBRN7X) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/113.8KV TRANSFORMER	Indeterminate Build approximately 181 miles of 345kV Lacygne - Mariosa Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-trame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV brasker, associated equipme  Rebuild the JEC - Hory 454kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV Carrier equipment and installation of new fiber optic relay panels. Substation  Build 54.8 miles of new 345 kV  Indeterminate  Build approximately 181 miles of 345kV Lacygne - Mariosa  Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 25.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Add 345/161kV Transformer  Rebuild the JEC - Hory 345kV line as a single circuit 345kV buswork, one 115kV line with substation will include 115kV buswork, one 115kV brasker, associated equipme  Rebuild the JEC - Hory 345kV line as a single circuit 345kV carrier equipment and installation of new fiber optic relay panels. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber o
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	13WP 13WP 13WP 13WP 13WP 13WP 13WP 13WP	WERE WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE WERE	EDWARDSVILLE - MUND 115KV CKT 1	117.0 117.0 117.0 117.0 117.0 117.0 117.0 117.0 116.4 116.4 116.4 116.4 116.4 116.4 116.3 116.3 116.3 116.3 116.3 116.3 116.3 116.3 116.3 116.3 116.3	KCPL-OPGD#06	Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV KACP Auburn - Swissvale 345KV Auburn - SEC 345KV AUburn - SEC 345KV AUBURN ROAD (AUBRN7TX) 345/15/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/13.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 KV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  latan - Jeffrey Energy Center 345 KV WERE Lacygne - Mariosa 345KV AKRN Lacygne - Mariosa 345KV AKRN AUburn - Swissvale 345KV AUBURN ROAD (AUBRN7TX) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/113.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 KV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  latan - Jeffrey Energy Center 345 KV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  latan - Jeffrey Energy Center 345 KV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  latan - Jeffrey Energy Center 345 KV WERE Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV KACP Auburn - Swissvale 345KV AUBURN ROAD (AUBRN7TX) 345/115/13.8KV TRANSFORMER CKT 1	Indeterminate Build approximately 181 miles of 345kV Lacygne - Mariosa Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bunded 1192.5 ACSR and wood H-trame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV broaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include temoral of 345kV carrier equipment and installation of new fiber optic relay panels. Substation  Build 6.8 miles of new 345 kV  Indeterminates  Build approximately 181 miles of 345kV sucygne - Mariosa  Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 25.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Add 345/161kV Transformer  Rebuild the JEC - Hoyt 345kV line as a single circuit 345kV buswork, one 115kV biswork, one 115kV biswork, one 115kV biswork, one 115kV biswork, one 115kV biswork as a single circuit 345kV biswork, one 115kV line with build 14.2 miles of new 345 kV  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels Substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels Substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels Substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels S

-	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	104.9	HOYT - STRANGER CREEK 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV brasker, associated equipme
3	ISWF	WERE	WENE	EDWARDSVILLE - WOND TISKY CRT I	104.9	HOTT * STRANGER CREEK 343KV CRTT	GOODTEAR JONE HOW - INDIAN HILLS TISKY CRT T	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	104.9	HOYT - STRANGER CREEK 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.  Substation
5	13WP		WERE	EDWARDSVILLE - MUND 115KV CKT 1	104.9	HOYT - STRANGER CREEK 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	104.9	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	13WP		WERE	EDWARDSVILLE - MUND 115KV CKT 1	104.9	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	13WP 13WP		WERE	EDWARDSVILLE - MUND 115KV CKT 1	104.9	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	104.9	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	104.9	HOYT - STRANGER CREEK 345KV CKT 1	TRANSFORMER CKT 1  NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	13WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	104.9	HOYT - STRANGER CREEK 345KV CKT 1	CKT 11	Add 345/161kV Transformer
5	17WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	100.2	87th STREET - CRAIG 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
								Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
5	17WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	100.2	87th STREET - CRAIG 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
								(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.
5	17WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1 EDWARDSVILLE - MUND 115KV CKT 1	100.2	87th STREET - CRAIG 345KV CKT 1 87th STREET - CRAIG 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Substation
5	17WP	WERE		EDWARDSVILLE - MUND 115KV CKT 1  FDWARDSVILLE - MUND 115KV CKT 1	100.2	87th STREET - CRAIG 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
	17WP						Lacygne - Mariosa 345KV AMRN	
5	17WP	WERE		EDWARDSVILLE - MUND 115KV CKT 1	100.2	87th STREET - CRAIG 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5				EDWARDSVILLE - MUND 115KV CKT 1	100.2	87th STREET - CRAIG 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17WP	WERE	WEKE	EDWARDSVILLE - MUND 115KV CKT 1	100.2	87th STREET - CRAIG 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1	100.2	87th STREET - CRAIG 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	17WP	WERE	WERE	EDWARDSVILLE - MUND 115KV CKT 1 EDWARDSVILLE (EDWRDV4X) 161/115/12.47KV	100.2	87th STREET - CRAIG 345KV CKT 1	CKT 11	Add 345/161kV Transformer  Tap Nashua 345kV bus in Hawthorn - St. Joseph 345 kV line. Build new 345 kV line from latan to Nashua,Add Nashua
5	13WP	WERE	WERE	TRANSFORMER CKT 1  EDWARDSVILLE (EDWRDV4X) 161/115/12.47KV	141.5	87th STREET - CRAIG 345KV CKT 1	IATAN - NASHUA 345KV CKT 1	Tap Nashua 345kV bus in Hawthorn - St. Joseph 345 kV line. Build new 345 kV line from latan to Nashua,Add Nashua 345/161 kV Tap Nashua 345kV bus in Hawthorn - St. Joseph 345 kV line. Build new 345 kV line from latan to Nashua,Add Nashua
5	13WP	WERE	WERE	TRANSFORMER CKT 1 EDWARDSVILLE (EDWRDV4X) 161/115/12.47KV	122.4	IATAN - ST JOE 345KV CKT 1	IATAN - NASHUA 345KV CKT 1	345/161 kV  Tap Nashua 345kV bus in Hawthorn - St. Joseph 345 kV line. Build new 345 kV line from latan to Nashua,Add Nashua
5	13WP	WERE	WERE	TRANSFORMER CKT 1 EDWARDSVILLE (EDWRDV4X) 161/115/12.47KV	115.5	SWISSVALE - WEST GARDNER 345KV CKT 1	IATAN - NASHUA 345KV CKT 1	Tap Nashua 345kV bus in Hawthorn - St. Joseph 345 kV line. Build new 345 kV line from latan to Nashua,Ado Nashua  345/161 kV  Tap Nashua 345kV bus in Hawthorn - St. Joseph 345 kV line. Build new 345 kV line from latan to Nashua,Add Nashua
5	13WP	WERE	WERE	TRANSFORMER CKT 1 EDWARDSVILLE (EDWRDV4X) 161/115/12.47KV	114.4	KCPL-OPGD#08	IATAN - NASHUA 345KV CKT 1	345/161 kV  Tap Nashua 345kV bus in Hawthorn - St. Joseph 345 kV line. Build new 345 kV line from latan to Nashua,Add Nashua
5	13WP	WERE	WERE	TRANSFORMER CKT 1 EDWARDSVILLE (EDWRDV4X) 161/115/12.47KV	112.8	KCPL-OPGD#06	IATAN - NASHUA 345KV CKT 1	345/161 kV  Tap Nashua 345kV bus in Hawthorn - St. Joseph 345 kV line. Build new 345 kV line from latan to Nashua,Add Nashua
5	13WP	WERE	WERE	TRANSFORMER CKT 1 EDWARDSVILLE (EDWRDV4X) 161/115/12.47KV	111.8	KCPL-OPGD#01	IATAN - NASHUA 345KV CKT 1	345/161 kV Tap Nashua 345kV bus in Hawthom - St. Joseph 345 kV line. Build new 345 kV line from latan to Nashua,Add Nashua
5	13WP	WERE	WERE	TRANSFORMER CKT 1 EDWARDSVILLE (EDWRDV4X) 161/115/12.47KV	104.0	LACYGNE - STILWELL 345KV CKT 1	IATAN - NASHUA 345KV CKT 1	345/161 kV Tap Nashua 345kV bus in Hawthorn - St. Joseph 345 kV line. Build new 345 kV line from latan to Nashua,Add Nashua
5	13WP	WERE		TRANSFORMER CKT 1 EDWARDSVILLE (EDWRDV4X) 161/115/12.47KV	101.4	HOYT - STRANGER CREEK 345KV CKT 1	IATAN - NASHUA 345KV CKT 1	345/161 kV Tap Nashua 345kV bus in Hawthorn - St. Joseph 345 kV line. Build new 345 kV line from latan to Nashua,Add Nashua
5	13WP	WERE		TRANSFORMER CKT 1	101.1	BASE CASE	IATAN - NASHUA 345KV CKT 1	345/161 kV
5	17SP	WEKE	WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	113.0	HOYT - STRANGER CREEK 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	113.0	HOYT - STRANGER CREEK 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyser (Station 1) substation will include 115kV buswork, pole 115kV breaker, associated equipme Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
5	17SP	WERE	WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	113.0	HOYT - STRANGER CREEK 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.  Substation
5	17SP	WERE	WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	113.0	HOYT - STRANGER CREEK 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	113.0	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP		WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	113.0	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	113.0	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	113.0	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	113.0	HOYT - STRANGER CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP		WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	113.0	HOYT - STRANGER CREEK 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	114.3	HOYT - STRANGER CREEK 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
5	22SP	WERE	WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	114.3	HOYT - STRANGER CREEK 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 113 xV life Wirt Johnset 1192.5 A.C.S. ratify word Hartier langing it sudcutes and seed Spoter running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115KV buswork, one 115KV breaker, associated equipme Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
5	22SP	WERE	WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	114.3	HOYT - STRANGER CREEK 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.
5	22SP		WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	114.3	HOYT - STRANGER CREEK 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WEDE	WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	114.3	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP		WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	114.3	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP		WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	114.3	HOYT - STRANGER CREEK 345KV CKT 1		Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5							Auburn - Swissvale 345KV	
5	22SP	WEKE	WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	114.3	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	114.3	HOYT - STRANGER CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	GOODYEAR JUNCTION - NORTHLAND 115KV CKT 1	114.3	HOYT - STRANGER CREEK 345KV CKT 1	CKT 11	Add 345/161kV Transformer  Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	141.6	AXTELL - SWEETWATER 345KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	build new 345 kV Transmission Line from 645 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).  Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation.
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	141.6	AXTELL - SWEETWATER 345KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	(Estimated 146 miles).
5	13WP		NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	141.6	AXTELL - SWEETWATER 345KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	13WP		NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	141.6	AXTELL - SWEETWATER 345KV CKT 1	Circle - Reno 345kV Dbl CKT	Build approximately 6 miles of double 345kV Circle - Reno
5	13WP		NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	141.6	AXTELL - SWEETWATER 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP		NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	141.6	AXTELL - SWEETWATER 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1  GRAND ISLAND - SWEETWATER 345KV CKT 1	141.6	AXTELL - SWEETWATER 345KV CKT 1  AXTELL - SWEETWATER 345KV CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno  Build approximately 74 miles of double 345kV Spearville - Mullergren
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	130.5	CROOKED CREEK - NORTH PLATTE 230KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	13WP	NPPD		GRAND ISLAND - SWEETWATER 345KV CKT 1	130.5	CROOKED CREEK - NORTH PLATTE 230KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation (Estimated 146 miles).
								\

-	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	130.5	CROOKED CREEK - NORTH PLATTE 230KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
	ISVVP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT I	130.5	CROOKED CREEK - NORTH PLATTE 230KV	Cherry Co 345 kV Terminal Opgrades	Build new Cherry County 345 kV Substation.
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	130.5	CKT 1	Circle - Reno 345kV Dbl CKT	Build approximately 6 miles of double 345kV Circle - Reno
_	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	130.5	CROOKED CREEK - NORTH PLATTE 230KV	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
3		INFFD	INFED	GRAND ISLAND - SWEETWATER 345RV CRT I	130.3	CROOKED CREEK - NORTH PLATTE 230KV	Wallergren - Reno 343KV Dbi CRT WREC	Build ownership of approximately 79 miles of double 343kV infullergrent - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	130.5	CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	NPPD	NPPD	ODAND IOLAND OWEETWATER AND OWE	130.5	CROOKED CREEK - NORTH PLATTE 230KV	O THE MAIL OF STREET	B 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	130.5	CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren  Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	128.6	GRAND ISLAND - RIVERDALE 230KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	miles).
							·	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substat
5	13WP	NPPD	NPPD NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1 GRAND ISLAND - SWEETWATER 345KV CKT 1	128.6 128.6	GRAND ISLAND - RIVERDALE 230KV CKT 1 GRAND ISLAND - RIVERDALE 230KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1 Cherry Co 345 kV Terminal Upgrades	(Estimated 146 miles).  Build new Cherry County 345 kV Substation.
5	13WP	NPPD		GRAND ISLAND - SWEETWATER 345KV CKT 1	128.6	GRAND ISLAND - RIVERDALE 230KV CKT 1	Circle - Reno 345kV Dbl CKT	Build approximately 6 miles of double 345kV Circle - Reno
5	13WP		NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	128.6	GRAND ISLAND - RIVERDALE 230KV CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	128.6	GRAND ISLAND - RIVERDALE 230KV CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	128.6	GRAND ISLAND - RIVERDALE 230KV CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	123.4	IATAN - ST JOE 345KV CKT 1	0 0 0 4 045114014	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76
- 5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	123.4	IATAN - ST JOE 345KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	miles).  Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substat
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	123.4	IATAN - ST JOE 345KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	(Estimated 146 miles).
5	13WP		NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	123.4	IATAN - ST JOE 345KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	13WP		NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	123.4	IATAN - ST JOE 345KV CKT 1	Circle - Reno 345kV Dbl CKT	Build approximately 6 miles of double 345kV Circle - Reno
5	13WP		NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	123.4	IATAN - ST JOE 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP		NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	123.4	IATAN - ST JOE 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	123.4	IATAN - ST JOE 345KV CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
_	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.6	SPP-MKEC-08	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76
- 5	ISWP	NPPD	INPPU	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.6	SPF-MKEU-U8	Cherry Co - Gentleman 345 KV CKt1	miles).  Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substat
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.6	SPP-MKEC-08	Cherry Co - Holt Co 345 kV Ckt1	(Estimated 146 miles).
5	13WP		NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.6	SPP-MKEC-08	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.6	SPP-MKEC-08	Circle - Reno 345kV Dbl CKT	Build approximately 6 miles of double 345kV Circle - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.6	SPP-MKEC-08	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.6	SPP-MKEC-08	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.6	SPP-MKEC-08	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
								Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.2	HOYT - STRANGER CREEK 345KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	miles).  Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substat
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.2	HOYT - STRANGER CREEK 345KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	(Estimated 146 miles).
5	13WP		NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.2	HOYT - STRANGER CREEK 345KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	13WP		NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.2	HOYT - STRANGER CREEK 345KV CKT 1	Circle - Reno 345kV Dbl CKT	Build approximately 6 miles of double 345kV Circle - Reno
5	13WP		NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.2	HOYT - STRANGER CREEK 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.2	HOYT - STRANGER CREEK 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.2	HOYT - STRANGER CREEK 345KV CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
								Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.1	GREENSBURG - SUN CITY 115KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	miles).  Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substat
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.1	GREENSBURG - SUN CITY 115KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	(Estimated 146 miles).
5	13WP		NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.1	GREENSBURG - SUN CITY 115KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.1	GREENSBURG - SUN CITY 115KV CKT 1	Circle - Reno 345kV Dbl CKT	Build approximately 6 miles of double 345kV Circle - Reno
5	13WP		NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.1	GREENSBURG - SUN CITY 115KV CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.1	GREENSBURG - SUN CITY 115KV CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP		NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.1	GREENSBURG - SUN CITY 115KV CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
								Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.0	SPP-WERE-34	Cherry Co - Gentleman 345 kV Ckt1	miles).
-	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.0	SPP-WERF-34	01 0 11 11 0 045 111 014	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substat
5	13WP		NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1  GRAND ISLAND - SWEETWATER 345KV CKT 1	122.0	SPP-WERE-34 SPP-WERE-34	Cherry Co - Holt Co 345 kV Ckt1	(Estimated 146 miles).
5	13WP		NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.0	SPP-WERE-34	Cherry Co 345 kV Terminal Upgrades Circle - Reno 345kV Dbl CKT	Build new Cherry County 345 kV Substation.  Build approximately 6 miles of double 345kV Circle - Reno
5	13WP		NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.0	SPP-WERE-34	Mullergren - Reno 345kV Dbl CKT MKEC	Build approximately 79 miles of double 345kV Mullergren - Reno
5	13WP		NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	122.0	SPP-WERE-34	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	NPPD		GRAND ISLAND - SWEETWATER 345KV CKT 1	122.0	SPP-WERE-34	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
-	10111	141.75		OTOTAL OT	TEE.O	or i were or	Open vine Mailorgion orlow Bar own	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	119.5	LACYGNE - STILWELL 345KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	miles).
_	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	119.5	LACYGNE - STILWELL 345KV CKT 1	Character   Hall Ca 245   M C 111	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substat (Estimated 146 miles).
5	13WP		NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1  GRAND ISLAND - SWEETWATER 345KV CKT 1	119.5	LACYGNE - STILWELL 345KV CKT 1 LACYGNE - STILWELL 345KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	
5	13WP		NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1  GRAND ISLAND - SWEETWATER 345KV CKT 1	119.5	LACYGNE - STILWELL 345KV CKT 1	Cherry Co 345 kV Terminal Upgrades Circle - Reno 345kV Dbl CKT	Build new Cherry County 345 kV Substation.  Build approximately 6 miles of double 345kV Circle - Reno
5	13WP		NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1 GRAND ISLAND - SWEETWATER 345KV CKT 1	119.5	LACYGNE - STILWELL 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build approximately 6 miles of double 345kV Circle - Reno  Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP		NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	119.5	LACYGNE - STILWELL 345KV CKT 1	Mullergren - Reno 345kV Dbi CKT WIREC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno  Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	NPPD		GRAND ISLAND - SWEETWATER 345KV CKT 1	119.5	LACYGNE - STILWELL 345KV CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
								Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	119.3	MALONEY 115/34.5KV TRANSFORMER CKT 1	Cherry Co - Gentleman 345 kV Ckt1	miles).
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	119.3	MALONEY 115/34.5KV TRANSFORMER CKT 1	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substat (Estimated 146 miles).
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	119.3	MALONEY 115/34.5KV TRANSFORMER CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	119.3	MALONEY 115/34.5KV TRANSFORMER CKT 1	Circle - Reno 345kV Dbl CKT	Build approximately 6 miles of double 345kV Circle - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	119.3	MALONEY 115/34.5KV TRANSFORMER CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	119.3	MALONEY 115/34.5KV TRANSFORMER CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	119.3	MALONEY 115/34.5KV TRANSFORMER CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren  Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76
5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	117.7	BASE CASE	Cherry Co - Gentleman 345 kV Ckt1	miles).
	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	117.7	BASE CASE	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substat (Estimated 146 miles).
5			NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	117.7	BASE CASE	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	13WP							D. 71
5 5 5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	117.7	BASE CASE	Circle - Reno 345kV Dbl CKT	Build approximately 6 miles of double 345kV Circle - Reno
5 5 5 5		NPPD NPPD	NPPD NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1 GRAND ISLAND - SWEETWATER 345KV CKT 1 GRAND ISLAND - SWEETWATER 345KV CKT 1	117.7 117.7	BASE CASE BASE CASE BASE CASE	Mullergren - Reno 345kV Dbl CKT MKEC Mullergren - Reno 345kV Dbl CKT MKEC Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately o miles of double 345kV Mullergren - Reno Build ownership of approximately 79 miles of double 345kV Mullergren - Reno Build ownership of approximately 79 miles of double 345kV Mullergren - Reno

5	13WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	117.7	BASE CASE	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
-	17SP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	100.4	AXTELL - PAULINE 345KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
3	1735	INFFD	INFFD	GRAND ISLAND - SWEETWATER 343RV CRT I	100.4	AXTELL - FAULINE 345KV CKT I	Cherry Co - Gentiernan 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation
5	17SP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	100.4	AXTELL - PAULINE 345KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	(Estimated 146 miles).
5	17SP		NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	100.4	AXTELL - PAULINE 345KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
5	17SP	NPPD		GRAND ISLAND - SWEETWATER 345KV CKT 1	100.4	AXTELL - PAULINE 345KV CKT 1 AXTELL - PAULINE 345KV CKT 1	Circle - Reno 345kV Dbl CKT	Build approximately 6 miles of double 345kV Circle - Reno
5	17SP	NPPD		GRAND ISLAND - SWEETWATER 345KV CKT 1 GRAND ISLAND - SWEETWATER 345KV CKT 1	100.4	AXTELL - PAULINE 345KV CKT 1  AXTELL - PAULINE 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	17SP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	100.4	AXTELL - PAULINE 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT WERE Spearville - Mullergren 345kV Dbl CKT	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno Build approximately 74 miles of double 345kV Spearville - Mullergren
		111111111111111111111111111111111111111	141.12	STATE OF THE STATE	100.1	TOTTELE TROUBLE GROW GREET	Openiting Manorgion Clock Doi Oiki	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	109.4	AXTELL - PAULINE 345KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	miles).
_								Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation
5	17WP	NPPD NPPD	NPPD NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1 GRAND ISLAND - SWEETWATER 345KV CKT 1	109.4 109.4	AXTELL - PAULINE 345KV CKT 1 AXTELL - PAULINE 345KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1 Cherry Co 345 kV Terminal Upgrades	(Estimated 146 miles). Build new Cherry County 345 kV Substation.
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	109.4	AXTELL - PAULINE 345KV CKT 1	Circle - Reno 345kV Dbl CKT	Build approximately 6 miles of double 345kV Circle - Reno
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	109.4	AXTELL - PAULINE 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	109.4	AXTELL - PAULINE 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	109.4	AXTELL - PAULINE 345KV CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	108.2	CHERRYC3 345.00 - GERALD GENTLEMAN STATION 345KV CKT 1	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5	17VVP	NPPD	NPPU	GRAND ISLAND - SWEETWATER 345KV CKT I	106.2	CHERRYC3 345.00 - GERALD GENTLEMAN	Cherry Co - Gentieman 345 KV CKU	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	108.2	STATION 345KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	(Estimated 146 miles).
						CHERRYC3 345.00 - GERALD GENTLEMAN		, ,
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	108.2	STATION 345KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
_						CHERRYC3 345.00 - GERALD GENTLEMAN		
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	108.2	STATION 345KV CKT 1 CHERRYC3 345.00 - GERALD GENTLEMAN	Circle - Reno 345kV Dbl CKT	Build approximately 6 miles of double 345kV Circle - Reno
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	108.2	STATION 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
- 3	17 VVF	INFFD	INFFD	GRAND ISLAND - SWEETWATER SASKY CRT I	106.2	CHERRYC3 345.00 - GERALD GENTLEMAN	Mullergren - Keno 343kV Dbi CKT MKEC	Build ownership of approximately 79 miles of double 343KV Mullergren • Keno
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	108.2	STATION 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
						CHERRYC3 345.00 - GERALD GENTLEMAN		
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	108.2	STATION 345KV CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
_			NPPD			CHERRYC3 345.00 - HOLT.CO3 345.00		Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	108.2	345KV CKT 1 CHERRYC3 345.00 - HOLT.CO3 345.00	Cherry Co - Gentleman 345 kV Ckt1	miles).  Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	108.2	345KV CKT 1	Cherry Co - Holt Co 345 kV Ckt1	(Estimated 146 miles).
	17 **1	IVIII	IVIII	GRAND IGEAND - GWEETWATER SHORE GREET	100.2	CHERRYC3 345.00 - HOLT.CO3 345.00	Cherry Go - Hole Go 343 KV CKET	(Estimated 140 filmos).
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	108.2	345KV CKT 1	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.
						CHERRYC3 345.00 - HOLT.CO3 345.00		
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	108.2	345KV CKT 1	Circle - Reno 345kV Dbl CKT	Build approximately 6 miles of double 345kV Circle - Reno
_	4771475	NPPD	NDDD	ODANID IOLAND, OMEETMATED ANGLA OUT A	400.0	CHERRYC3 345.00 - HOLT.CO3 345.00	N. II. B. ANGLY BUILDING MICEO	B 11
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	108.2	345KV CKT 1 CHERRYC3 345.00 - HOLT.CO3 345.00	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	108.2	345KV CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
						CHERRYC3 345.00 - HOLT.CO3 345.00		
5	17WP	NPPD	NPPD	GRAND ISLAND - SWEETWATER 345KV CKT 1	108.2	345KV CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
_						CHAMBER SPRINGS - CLARKSVILLE 345KV		
5	22SP	GRDA	GRDA KCPL	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	114.9	CKT 1	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 Accelerate	Replace Terminal Equipment
					404.0			D-1iid 2 00ii
	17SP	KCPL	KCPL	GREENWOOD - LENEXA NORTH 161KV CKT 1	101.0	CEDAR CREEK - GREENWOOD 161KV CKT 1	GREENWOOD - LENEXA NORTH 161KV CKT 1	Rebuild 3.89 miles
5 5	22SP	KCPL	KCPL	GREENWOOD - LENEXA NORTH 161KV CKT 1	101.1	CEDAR CREEK - GREENWOOD 161KV CKT 1	GREENWOOD - LENEXA NORTH 161KV CKT 1	Rebuild 3.89 miles Rebuild 3.89 miles
5			KCPL KCPL		101.0 101.1 100.7 118.9	CEDAR CREEK - GREENWOOD 161KV CKT 1 CEDAR CREEK - GREENWOOD 161KV CKT 1 CRAIG - PFLUMM 161KV CKT 1 BASE CASE	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 HOLT - NELIGH 345KV CKT 1	Rebuild 3.89 miles Rebuild 3.89 miles Rebuild 3.89 miles Rebuild 3.89 miles Build new 16 miles 345 KV hot - Neligh and associated terminal equipment
5 5	22SP 22SP 13WP	KCPL	KCPL	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 GRIS_LNC	101.1 100.7 118.9	CEDAR CREEK - GREENWOOD 161KV CKT 1 CRAIG - PFLUMM 161KV CKT 1 BASE CASE	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 HOLT - NELIGH 345KV CKT 1	Rebuild 3.89 miles  Rebuild 3.89 miles are selected to the selected to
5 5	22SP 22SP	KCPL	KCPL	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1	101.1 100.7	CEDAR CREEK - GREENWOOD 161KV CKT 1 CRAIG - PFLUMM 161KV CKT 1	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1	Rebuild 3.89 miles Rebuild 3.89 miles Rebuild 3.89 miles Rebuild 3.89 miles Build new 16 miles 345 kV hot. Neligh and associated terminal equipment Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5 5 5	22SP 22SP 13WP	KCPL	KCPL	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 GRIS_LNC GRIS_LNC	101.1 100.7 118.9	CEDAR CREEK - GREENWOOD 161KV CKT 1 CRAIG - PFLUMM 161KV CKT 1 BASE CASE BASE CASE	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 HOLT - NELIGH 345KV CKT 1 Cherry Co - Gentleman 345 kV Ckt1	Rebuild 3.89 miles Build new 16 miles 345 kV Hott. Neligh and associated terminal equipment Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry Courty 345 kV Substation (76 miles). Build new 345 kV Transmission Line from new Cherry Courty 345 kV Substation to new 345 kV Holt County Substation
5 5 5 5	22SP 22SP 13WP 13WP	KCPL	KCPL	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 GRIS_LNC GRIS_LNC GRIS_LNC GRIS_LNC	101.1 100.7 118.9 118.9	CEDAR CREEK - GREENWOOD 161NV CKT 1 CRAIG - PFLUMM 161V CKT 1 BASE CASE BASE CASE BASE CASE	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 HOLT - NELIGH 345KV CKT 1 Cherry Co - Gentleman 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1	Rebuild 3.89 miles  Build new 16 miles 345 kV Holt - Neligh and associated terminal equipment  Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).  Build new 345 kV Transmission Line from ew Cherry County 345 kV Substation to new 345 kV Holt County Substation (Estimated 146 miles).
5 5 5	22SP 22SP 13WP	KCPL	KCPL	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 GRIS_LNC GRIS_LNC	101.1 100.7 118.9	CEDAR CREEK - GREENWOOD 161KV CKT 1 CRAIG - PFLUMM 161KV CKT 1 BASE CASE BASE CASE	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 HOLT - NELIGH 345KV CKT 1 Cherry Co - Gentleman 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co - 345 kV Terminal Upgrades	Rebuild 3.89 miles Rebuild 3.95 miles Rebuild 3.95 miles Rebuild 3.95 miles Rebuild 3.95 miles Build new 16 miles 345 kV Hott. Neligh and associated terminal equipment Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles). Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation (Estimated 146 miles). Build new 345 kV Substation.
5 5 5 5 5	22SP 22SP 13WP 13WP 13WP	KCPL	KCPL	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 GRIS_LNC GRIS_LNC GRIS_LNC GRIS_LNC GRIS_LNC GRIS_LNC GRIS_LNC	101.1 100.7 118.9 118.9 118.9	CEDAR CREEK - GREENWOOD 161HV CKT 1 CRAIG - PFLUMM 161KV CKT 1 BASE CASE BASE CASE BASE CASE BASE CASE BASE CASE	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 HOLT - NELIGH 345KV CKT 1 Cherry Co - Gentleman 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1	Rebuild 3.89 miles Rebuild 3.95 miles Rebuild 3.95 miles Rebuild 3.95 miles Rebuild 3.95 miles Build new 16 miles 345 kV Hott - Neligh and associated terminal equipment Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles). Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Hott County Substation (Estimated 146 miles). Build new 345 kV Transmission Line from new Cherry County 345 kV Substation. Build new 50 mile 345 kV line from Hoskins to Neligh Construct new substation at Neligh. Install a new 345/11 kV transformer at Nelioh.
5 5 5 5 5 5	22SP 22SP 13WP 13WP 13WP 13WP 13WP	KCPL	KCPL	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 GRIS_LNC GRIS_LNC GRIS_LNC GRIS_LNC GRIS_LNC GRIS_LNC GRIS_LNC	101.1 100.7 118.9 118.9 118.9 118.9	CEDAR CREEN - GREENWOOD 161HV CKT 1 CRAIG - PFLUMM 161W CKT 1 BASE CASE	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 HOLT - NELIGH 345KV CKT 1 Cherry Co - Gentleman 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co 345 kV Terminal Upgrades Neligh - Hoskins 345 kV Ckt1	Rebuild 3.89 miles Build new 16 miles 345 kV but 1. Neligh and associated terminal equipment Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles). Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation (Seismated 146 miles). Build new 60 mile 345 kV line from Hoskins to Neligh Construct new substation at Neligh. Install a new 345/115 kV transformer at Neligh. Build new 16 miles 345 kV line 4 associated terminal equipment
5 5 5 5 5 5 5 5 5	22SP 22SP 13WP 13WP 13WP 13WP 13WP 13WP 17WP	KCPL	KCPL	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 GRIS LINC	101.1 100.7 118.9 118.9 118.9 118.9 118.9 118.9 118.9	CEDAR CREEK - GREENWOOD 161NV CKT 1 CRAIG - PFLUMM 161KV CKT 1 BASE CASE	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 HOLT - NELIGH 345KV CKT 1 Cherry Co - Gentleman 345 KV Ckt1 Cherry Co - Holt Co 345 KV Ckt1 Cherry Co - Holt Co 345 KV Ckt1 Cherry Co 345 KV Terminal Upgrades Neligh - Hoskins 345 KV Ckt1 Neligh 345/11 5 kV Transformer HOLT - NELIGH 345KV CKT 1	Rebuild 3.89 miles Rebuild 3.89 miles Rebuild 3.89 miles Rebuild 3.80 miles Build new 16 miles 345 kV hot. * Neigh and associated terminal equipment Build new 45 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles). Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation (Estimated 146 miles). Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation (Estimated 146 miles). Build new 50 mile 345 kV line from Hoskins to Neligh Construct new substation at Neligh, Install a new 345/115 kV transformer at Neligh. Build new 16 miles 345 kV Holt * Neligh and associated terminal equipment Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76
5 5 5 5 5 5 5	22SP 22SP 13WP 13WP 13WP 13WP 13WP 13WP	KCPL	KCPL	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 GRIS LNC	101.1 100.7 118.9 118.9 118.9 118.9 118.9	CEDAR CREEK - GREENWOOD 161HV CKT 1 CRAIG - PFLUMM 161HV CKT 1 BASE CASE	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 HOLT - NELIGH 345KV CKT 1 Cherry Co - Gentleman 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Neligh - Hoskins 345 kV Ckt1 Neligh 345/115 kV Transformer	Rebuild 3.89 miles Build new 16 miles 345 kV Hot. Neligh and associated terminal equipment Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles). Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Hotl County Substation (Estimated 146 miles). Build new 64 kV Substation. Build new 64 kV Substation. Build new 50 mile 345 kV line from Hoskins to Neligh Construct new substation at Neligh. Install a new 345 if 15 kV transformer at Neligh. Build new 16 miles 345 kV Holt. Neligh and associated terminal equipment Build new 345 kV Transmission Line from GGS 346 kV Substation to a new Cherry County 345 kV Substation (76 miles).
5 5 5 5 5 5 5 5 5	22SP 22SP 13WP 13WP 13WP 13WP 13WP 13WP 17WP	KCPL	KCPL	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 GRIS LINC	101.1 100.7 118.9 118.9 118.9 118.9 118.9 118.9 118.9 118.9	CEDAR CREEK - GREENWOOD 161NV CKT 1 CRAIG - PFLUMM 161W CKT 1 BASE CASE	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 HOLT - NELIGH 345KV CKT 1 Cherry Co - Gentleman 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co 345 kV Terminal Upgrades Neligh - Hoskins 345 kV Ckt1 Neligh 345(115 kV Transformer HOLT - NELIGH 345kV CKT 1 Cherry Co - Gentleman 345 kV Ckt1	Rebuild 3.89 miles Build new 16 miles 345 kV hot. 1- Neligh and associated terminal equipment Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles) Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation (Estimated 146 miles). Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation Build new 50 mile 345 kV line from Hoskins to Neligh Construct new substation at Neligh, Install a new 3451/15 kV transformer at Neligh. Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles). Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Holt County Substation (76 miles).
5 5 5 5 5 5 5 5 5	22SP 22SP 13WP 13WP 13WP 13WP 13WP 13WP 17WP 17WP	KCPL	KCPL	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 GRIS LNC	101.1 100.7 118.9 118.9 118.9 118.9 118.9 118.9 112.6	CEDAR CREEK - GREENWOOD 161HV CKT 1 CRAIG - PFLUMM 161W CKT 1 BASE CASE	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 HOLT - NELIGH 345KV CKT 1  Cherry Co - Gentleman 345 kV Ckt1  Cherry Co - Holt Co 345 kV Ckt1  Cherry Co - Holt Co 345 kV Ckt1  Cherry Co 345 kV Terminal Upgrades Neligh - Hoskins - Mask V Ckt1  Neligh 345/115 kV Transformer  HOLT - NELIGH 345KV Ckt1  Cherry Co - Gentleman 345 kV Ckt1  Cherry Co - Gentleman 345 kV Ckt1	Rebuild 3.89 miles Build new 16 miles 345 kV Hot. Neligh and associated terminal equipment Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry Courty 345 kV Substation (76 miles). Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation (Estimated 146 miles). Build new 60 mile 345 kV line from Hoskins to Neligh Construct new substation at Neligh, Install a new 3461/15 kV transformer at Neligh. Build new 16 miles 345 kV Holt - Neligh and associated terminal equipment Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry Courty 345 kV Substation (76 miles). Build new 345 kV Transmission Line from ew Cherry County 345 kV Substation to new 345 kV Holt County Substation (Estimated 146 miles).
5 5 5 5 5 5 5 5 5 5 5	22SP 22SP 13WP 13WP 13WP 13WP 13WP 17WP 17WP 17WP	KCPL	KCPL	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 GRIS LNC	101.1 100.7 118.9 118.9 118.9 118.9 118.9 112.6 112.6 112.6	CEDAR CREEN - GREENWOOD 161NV CKT 1 CRAIG - PFLLMM 161W CKT 1 BASE CASE	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 HOLT - NELIGH 345KV CKT 1 Cherry Co - Gentleman 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co 345 kV Terminal Upgrades Neligh - Hoskins 345 kV Ckt1 Neligh 345/115 kV Transformer HOLT - NELIGH 345KV Ckt1 Cherry Co - Gentleman 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1	Rebuild 3.89 miles Rebuild 3.89 miles Rebuild 3.90 miles Rebuild 3.90 miles Rebuild 3.90 miles Build new 16 miles 345 kV Hott - Neligh and associated terminal equipment Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles). Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Hott County Substation (Estimated 146 miles). Build new 345 kV Transmission Line from new Cherry County 345 kV Substation. Build new 50 mile 345 kV line from Hoskins to Neligh Construct new substation at Neligh, Install a new 345 ff 15 kV transformer at Neligh. Build new 16 miles 345 kV Hott - Neligh and associated terminal equipment Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles). Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation to GESTIMATED THE SUBSTATION CENTRAL THE SUBSTATION OF T
5 5 5 5 5 5 5 5 5 5 5	22SP 22SP 13WP 13WP 13WP 13WP 13WP 17WP 17WP	KCPL	KCPL	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 GRIS LINC	101.1 100.7 118.9 118.9 118.9 118.9 118.9 118.9 112.6	CEDAR CREEN - GREENWOOD 161NV CKT 1 CRAIG - PFLUMM 161W CKT 1 BASE CASE	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 HOLT - NELIGH 345KV CKT 1 Cherry Co - Gentleman 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co 345 kV Terminal Upgrades Neligh - Hoskins 345 kV Ckt1 Neligh 145K/115 kV Transformer HOLT - NELIGH 345KV CKT 1 Cherry Co - Gentleman 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1	Rebuild 3.89 miles Build new 16 miles 345 kV hot. 1- Neligh and associated terminal equipment Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles) Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Hot County Substation (Estimated 146 miles). Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Hot County Substation Build new Cherry County 345 kV Substation Neligh Construct new substation at Neligh, Install a new 3451/15 kV transformer at Neligh. Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles). Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Hot County Substation (Estimated 146 miles).
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5 5 5 5 5 5 5 5 5 5 5	22SP 22SP 13WP 13WP 13WP 13WP 13WP 17WP 17WP 17WP	KCPL	KCPL	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 GRIS LNC	101.1 100.7 118.9 118.9 118.9 118.9 118.9 112.6 112.6 112.6	CEDAR CREEN - GREENWOOD 161NV CKT 1 CRAIG - PFLUMM 161W CKT 1 BASE CASE	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 HOLT - NELIGH 345KV CKT 1 Cherry Co - Gentleman 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co 345 kV Terminal Upgrades Neligh - Hoskins 345 kV Ckt1 Neligh 345/115 kV Transformer HOLT - NELIGH 345KV Ckt1 Cherry Co - Gentleman 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1	Rebuild 3.89 miles Rebuild 3.89 miles Rebuild 3.90 miles Rebuild 3.90 miles Rebuild 3.90 miles Build new 16 miles 345 kV Hott - Neligh and associated terminal equipment Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles). Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Hott County Substation (Estimated 146 miles). Build new 345 kV Transmission Line from new Cherry County 345 kV Substation. Build new 50 mile 345 kV line from Hoskins to Neligh Construct new substation at Neligh, Install a new 345 ff 15 kV transformer at Neligh. Build new 16 miles 345 kV Hott - Neligh and associated terminal equipment Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles). Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation to GESTIMATED THE SUBSTATION CENTRAL THE SUBSTATION OF T
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	22SP 22SP 13WP 13WP 13WP 13WP 13WP 17WP 17WP 17WP	KCPL KCPL	KCPL	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 GRIS LNC	101.1 100.7 118.9 118.9 118.9 118.9 118.9 112.6 112.6 112.6	CEDAR CREEN - GREENWOOD 161NV CKT 1 CRAIG - PFLUMM 161W CKT 1 BASE CASE	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 HOLT - NELIGH 345KV CKT 1 Cherry Co - Gentleman 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co - 345 kV Terminal Upgrades Neligh - Hoskins 345 kV Ckt1 Neligh 345/115 kV Transformer HOLT - NELIGH 345KV CKT 1 Cherry Co - Gentleman 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co 345 kV Terminal Upgrades Neligh - Hoskins 345 kV Ckt1 Neligh 345/115 kV Transformer Priority Projects	Rebuild 3.89 miles Rebuild 3.89 miles Rebuild 3.90 miles Rebuild 3.90 miles Rebuild 3.90 miles Build new 16 miles 345 kV Hott - Neligh and associated terminal equipment Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles). Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Hott County Substation (Estimated 146 miles). Build new 345 kV Transmission Line from new Cherry County 345 kV Substation. Build new 50 mile 345 kV line from Hoskins to Neligh Construct new substation at Neligh, Install a new 345 ff 15 kV transformer at Neligh. Build new 16 miles 345 kV Hott - Neligh and associated terminal equipment Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles). Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation to GESTIMATED THE SUBSTATION CENTRAL THE SUBSTATION OF T
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	22SP 22SP 13WP 13WP 13WP 13WP 13WP 17WP 17WP 17WP 17WP 17WP	KCPL KCPL	MIDW MIDW	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 GRIS LNC	101.1 100.7 118.9 118.9 118.9 118.9 118.9 118.9 112.6 112.6 112.6 112.6 112.6	CEDAR CREEN - GREENWOOD 161NV CKT 1 CRAIG - PFLUMM 161W CKT 1 BASE CASE	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 HOLT - NELIGH 345KV CKT 1  Cherry Co - Gentleman 345 kV Ckt1  Cherry Co - Holt Co 345 kV Ckt1  Cherry Co - Holt Co 345 kV Ckt1  Cherry Co 345 kV Terminal Upgrades Neligh - Hoskins 345 kV Ckt1  Neligh 345/115 kV Transformer HOLT - NELIGH 345KV Ckt1  Cherry Co - Gentleman 345 kV Ckt1  Cherry Co - Holt Co 345 kV Ckt1  Cherry Co - Holt Co 345 kV Ckt1  Cherry Co 345 kV Terminal Upgrades Neligh - Hoskins 345 kV Ckt1  Neligh 345/115 kV Transformer  Priority Projects  Priority Projects	Rebuild 3.89 miles Rebuild 3.89 miles Rebuild 3.90 miles Rebuild 3.90 miles Rebuild 3.90 miles Build new 16 miles 345 kV Hott - Neligh and associated terminal equipment Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles). Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Hott County Substation (Estimated 146 miles). Build new 345 kV Transmission Line from new Cherry County 345 kV Substation. Build new 50 mile 345 kV line from Hoskins to Neligh Construct new substation at Neligh, Install a new 345 ff 15 kV transformer at Neligh. Build new 16 miles 345 kV Hott - Neligh and associated terminal equipment Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles). Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation to GESTIMATED THE SUBSTATION CENTRAL THE SUBSTATION OF T
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	22SP 22SP 22SP 13WP 13WP 13WP 13WP 17WP 17WP 17WP 17WP 17WP 17WP 17WP	MIDW MIDW	MIDW MIDW	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 GRIS LNC HAVS LNC GRIS LNC	101.1 100.7 118.9 118.9 118.9 118.9 118.9 112.6 112.6 112.6 112.6 112.6 112.6 112.6	CEDAR CREEK - GREENWOOD 161HV CKT 1 CRAIG - PFLLIMM 161W CKT 1 BASE CASE	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 HOLT - NELIGH 345KV CKT 1 Cherry Co - Gentleman 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co - 345 kV Terminal Upgrades Neligh - Hoskins 345 kV Ckt1 Neligh 345/115 kV Transformer HOLT - NELIGH 345KV CKT 1 Cherry Co - Gentleman 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co 345 kV Terminal Upgrades Neligh - Hoskins 345 kV Ckt1 Neligh 345/115 kV Transformer Priority Projects	Rebuild 3.89 miles Rebuild 3.89 miles Rebuild 3.89 miles Rebuild 3.89 miles Build new 16 miles 345 kV hot. *Neligh and associated terminal equipment Build new 345 kV Transmission Line from GGS 345 kV Substation to new Cherry County 345 kV Substation (76 miles) Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Hotit County Substation (Estimated 146 miles) Build new 6 Cherry County 345 kV Substation to new 345 kV Hotit County Substation (Build new 6 Cherry County 345 kV Substation) Build new 6 Cherry County 345 kV Substation Build new 6 Cherry County 345 kV Substation Build new 345 kV Transmission Line from 6GS 345 kV Substation to a new Cherry County 345 kV Substation to new 6 Cherry County 8 kV Substation to 1 Cherry Cherry 8 kV Substation to 1 Cherry Cherry 8 kV Subst
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	22SP 22SP 22SP 13WP 13WP 13WP 13WP 13WP 17WP 17WP 17WP 17WP 17WP 17WP 17WP 13WP	MIDW WERE	MIDW WERE	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 GRIS LNC HAVE LNC GRIS LNC GRIS LNC GRIS LNC GRIS LNC GRIS LNC GRIS LNC HAYS PLANT - SOUTH HAYS 115KV CKT 1 HOYT - HOYTJS 3 115.00 115KV CKT 1	101.1 100.7 118.9 118.9 118.9 118.9 118.9 118.9 118.9 112.6 112.6 112.6 112.6 112.6 112.6 112.6	CEDAR CREEK - GREENWOOD 161NV CKT 1 CRAIG - PFLLMM 161KV CKT 1 BASE CASE	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 HOLT - NELIGH 345KV CKT 1 Cherry Co - Gentleman 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co - 45kV Ckt1 Cherry Co 345 kV Terminal Upgrades Neligh - Hoskins 345 kV Ckt1 Neligh 345/115 kV Transformer HOLT - NELIGH 345KV CKT 1 Cherry Co - Gentleman 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co 345 kV Terminal Upgrades Neligh - Hoskins 345 kV Ckt1 Neligh 345/115 kV Transformer Priority Projects Priority Projects Islam - Jeffrey Energy Center 345 kV KACP	Rebuild 3.89 miles Rebuild 3.89 miles Rebuild 3.89 miles Rebuild 3.89 miles Build new 16 miles 345 kV hot. * Neigh and associated terminal equipment Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles). Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation (Estimated 146 miles). Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation (Estimated 146 miles). Build new 50 mile 345 kV line from Hoskins to Neligh Construct new substation at Neligh, Install a new 345/115 kV transformer at Neligh. Build new 345 kV Transmission Line from GeS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles). Build new 345 kV Transmission Line from GeS 345 kV Substation to a new Cherry County 345 kV Substation (Estimated 146 miles). Build new 345 kV Transmission Line from new Cherry County 345 kV Substation. Build new 50 mile 345 kV line from Hoskins to Neligh Construct new substation at Neligh. Install a new 345/115 kV transformer at Neligh.  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation kSubstation will include 115kV buswork, one
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	22SP 22SP 22SP 13WP 13WP 13WP 13WP 17WP 17WP 17WP 17WP 17WP 17WP 17WP	MIDW MIDW	MIDW MIDW	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 GRIS LNC HAVS LNC GRIS LNC	101.1 100.7 118.9 118.9 118.9 118.9 118.9 112.6 112.6 112.6 112.6 112.6 112.6 112.6	CEDAR CREEK - GREENWOOD 161HV CKT 1 CRAIG - PFLLIMM 161W CKT 1 BASE CASE	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 HOLT - NELIGH 345KV CKT 1  Cherry Co - Gentleman 345 kV Ckt1  Cherry Co - Holt Co 345 kV Ckt1  Cherry Co - Holt Co 345 kV Ckt1  Cherry Co 345 kV Terminal Upgrades Neligh - Hoskins 345 kV Ckt1  Neligh 345/115 kV Transformer HOLT - NELIGH 345KV Ckt1  Cherry Co - Gentleman 345 kV Ckt1  Cherry Co - Holt Co 345 kV Ckt1  Cherry Co - Holt Co 345 kV Ckt1  Cherry Co 345 kV Terminal Upgrades Neligh - Hoskins 345 kV Ckt1  Neligh 345/115 kV Transformer  Priority Projects  Priority Projects	Rebuild 3.89 miles Rebuild 3.89 miles Rebuild 3.89 miles Rebuild 3.89 miles Build new 16 miles 345 kV hot. *Neligh and associated terminal equipment Build new 345 kV Transmission Line from GGS 345 kV Substation to new Cherry County 345 kV Substation (76 miles). Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Hotit County Substation (Estimated 146 miles) Build new 6 Cherry County 345 kV Substation to new 345 kV Hotit County Substation (Build new 6 Cherry County 345 kV Substation) Build new 6 Cherry County 345 kV Substation Build new 6 Cherry County 345 kV Substation Build new 345 kV Transmission Line from 6GS 345 kV Substation to new 6 Cherry County 345 kV Substation to new 345 kV Transmission Line from 6GS 345 kV Substation to a new 6 Cherry County 345 kV Substation (76 miles) Build new 345 kV Transmission Line from 6GS 345 kV Substation to a new 6 Cherry County 345 kV Substation (8 miles). Build new 345 kV Transmission Line from 16 kGS 345 kV Substation to new 345 kV Hotit County Substation (Estimated 146 miles). Build new 345 kV Transmission Line from 16 kGS 345 kV Substation to new 345 kV Hotit County Substation (Estimated 146 miles). Build new 345 kV Transmission Line from 16 kGS 345 kV Substation to new 345 kV Hotit County Substation (Estimated 146 miles). Build new 345 kV Transmission Line from 16 kGS 345 kV Substation to new 345 kV Hotit County Substation (Estimated 146 miles). Build new 345 kV Transmission Line from 16 kGS 345 kV Substation to new 345 kV Hotit County Substation at Neligh. Build 14.2 miles of new 345 kV Ine from Hoskins to Neligh Construct new substation at Neligh. Install a new 345/115 kV transformer at Neligh.
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5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	22SP 22SP 22SP 13WP 13WP 13WP 13WP 17WP 17WP 17WP 17WP 17WP 17WP 17WP 13WP 13WP 13WP 13WP 13WP	MIDW WERE WERE WERE WERE WERE WERE WERE WE	KCPL KCPL KCPL MIDW MIDW WERE WERE WERE WERE WERE WERE WERE WE	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 GRIS LNC HAVE LNC GRIS LNC HAYP LNC GRIS LNC GRIS LNC HAYP LNC GRIS LNC HAYP LNC HAYP LNC HAYP LNC HAYP LNC HAYP LNC HAYP LNC HOYT HOYTJS 3 115.00 115KV CKT 1 HOYT - HOYTJS 3 115.00 115KV CKT 1	101.1 100.7 118.9 118.9 118.9 118.9 118.9 118.9 118.9 112.6	CEDAR CREEK - GREENWOOD 161NV CKT 1 CRAIG - PFLLIMM 161V CKT 1 BASE CASE BAS	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 HOLT - NELIGH 345KV CKT 1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co 345 kV Terminal Upgrades Neligh - Hoakins 345 kV Ckt1 Neligh 345/115 kV Transformer HOLT - NELIGH 345KV CKT 1 Cherry Co - Gentleman 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co 345 kV Terminal Upgrades Neligh - Hoskins 345 kV Ckt1 Neligh 345/115 kV Transformer Priority Projects Priority Projects  Priority Projects  Priority Projects  1atan - Jeffrey Energy Center 345 kV KACP GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1 Istan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV MKRN Lacygne - Mariosa 345KV AKACP AUBURN - SWESSEA 345KV AUBURN - SAGNA SKV ALANSFORMER CKT 1 NASHUA (RNASH 11) 345/115/13 SKV TRANSFORMER CKT 1 NASHUA (RNASH 11) 345/115/13 SKV TRANSFORMER	Rebuild 3.89 miles Rebuild 3.89 miles Rebuild 3.89 miles Rebuild 3.89 miles Build new 16 miles 345 kV hot. Neligh and associated terminal equipment Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles) Build new 345 kV Transmission Line from sew Cherry County 345 kV Substation to new 345 kV Holt County Substation (Estimated 146 miles) Build new 345 kV Transmission Line from sew Cherry County 345 kV Substation to new 345 kV Holt County Substation Build new Cherry County 345 kV Substation Build new Gherry County 345 kV Substation Build new Gherry County 345 kV Substation Build new 345 kV Transmission Line from Ges 345 kV Holt From Hoskins to Neligh Construct new substation at Neligh, install a new 3451 f15 kV transformer at Neligh. Build new 345 kV Transmission Line from Ges 345 kV Substation to a new Cherry County 345 kV Substation (76 miles). Build new 345 kV Transmission Line from Rec 345 kV Substation to new 345 kV Holt County Substation (Estimated 146 miles). Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation (Estimated 146 miles). Build new 345 kV Transmission Line from new Cherry County 345 kV Substation. Build a new 50 mile 345 kV line from Hoskins to Neligh Construct new substation at Neligh. Install a new 345/115 kV transformer at Neligh.  Build 14.2 miles of new 345 kV Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipmer Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at 36 kV Substation will include 115kV buswork, one 115kV breaker, associated equipmer Build 58.8 miles of new 345 kV Line Substation of new fiber optic relay panels. Substation will include 149 mile Auburn - Swissviale 230kV line as a single circuit 345k
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	22SP 22SP 22SP 13WP 13WP 13WP 13WP 17WP 17WP 17WP 17WP 17WP 17WP 17WP 13WP 13WP 13WP 13WP	MIDW WERE WERE WERE WERE WERE WERE WERE WE	KCPL KCPL KCPL MIDW MIDW WERE WERE WERE WERE WERE WERE WERE WE	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 GRIS LNC HAVE LORD GRIS LNC HAYS PLANT - SOUTH HAYS 115KV CKT 1 HOYT - HOYTJS 3 115.00 115KV CKT 1	100.1 100.7 118.9 118.9 118.9 118.9 118.9 118.9 118.9 112.6 112.6 112.6 112.6 112.6 112.6 112.6 112.6 112.1 100.1 100.1	CEDAR CREEK - GREENWOOD 161NV CKT 1 CRAIG - PFLLIMM 161KV CKT 1 BASE CASE WOUL 230 - POSTROCKÉ 230.00 230KV CKT 1 HOYT - STRANGER CREEK 345KV CKT 1	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 HOLT - NELIGH 345KV CKT 1 Cherry Co - Gentleman 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co 345 kV Terminal Upgrades Neligh - Hoskins 345 kV Ckt1 Neligh 345/115 kV Transformer HOLT - NELIGH 345KV Ckt1 Cherry Co - Gentleman 345 kV Ckt1 Cherry Co - Gentleman 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Neligh 345/15 kV Transformer Priority Projects Priority Projects Priority Projects Islan - Jeffrey Energy Center 345 kV KACP GOODYEAR JUNCTION - INDIAN HILLS 115 kV Ckt 1 Islan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 346KV AMRN Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/15/13 8KV TRANSFORMER Ckt 1 NASHUA (NASH 11) 345/16/1/3 8KV TRANSFORMER CK 11	Rebuild 3.89 miles Rebuild 3.89 miles Rebuild 3.89 miles Rebuild 3.89 miles Build new 16 miles 345 kV but 5. Neligh and associated terminal equipment Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles). Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Holt County Substation (Estimated 146 miles). Build new Cherry County 345 kV Substation to new 345 kV Holt County Substation (Build new Gherry County 345 kV Substation.  Build new Gherry County 345 kV Substation.  Build new 345 kV Transmission Line from GGS 345 kV Substation to Neligh Construct new substation at Neligh. Install a new 345/15 kV transformer at Neligh.  Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 345 kV Substation (76 miles).  Build new 345 kV Transmission Line from ew Cherry County 345 kV Substation to new 345 kV Holt County Substation (Festimated 146 miles).  Build new Cherry County 345 kV Substation to new 345 kV Holt County Substation.  Build new Cherry County 345 kV Substation to Neligh  Construct new substation at Neligh. Install a new 345/115 kV transformer at Neligh.  Construct new substation at Neligh. Install a new 345/115 kV transformer at Neligh.  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV bransformer at 115kV bransformer with 56 miles 36 miles 36 mes 34 skV.  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at 15kV bransformer with 56 mes 34 single circuit 345kV.  Rebuild 11.25 miles 115 kV line with brundled 1192.5 ACSR with mes as a single circuit 345kV.  Replace 400MVA transformer with 560MVA transformer  Build 14.2 miles of new 345 kV
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	22SP 22SP 22SP 13WP 13WP 13WP 13WP 17WP 17WP 17WP 17WP 17WP 17WP 17WP 13WP 13WP 13WP 13WP 13WP 13WP 13WP 13	MIDW MIDW WERE WERE WERE WERE WERE WERE WERE WE	MIDW MIDW WERE WERE WERE WERE WERE WERE WERE WE	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 GRIS LNC HAYS LNC GRIS LNC HAYS PLANT - SOUTH HAYS 115KV CKT 1 HOYT - HOYTJS 3 115.00 115KV CKT 1	101.1 100.7 118.9 118.9 118.9 118.9 118.9 118.9 118.9 118.9 118.9 112.6	CEDAR CREEK - GREENWOOD 161NV CKT 1 CRAIG - PFLLIMM 161V CKT 1 BASE CASE  BAS	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 HOLT - NELIGH 345KV CKT 1 Cherry Co - Gentleman 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co 345 kV Terminal Upgrades Neligh - Hoskins 345 kV Ckt1 Neligh 345/115 kV Transformer HOLT - NELIGH 345KV CKT 1 Cherry Co - Gentleman 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co 345 kV Terminal Upgrades Neligh 345/115 kV Transformer Priority Projects Priority Projects  Priority Projects  1atan - Jeffrey Energy Center 345 kV KACP GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1 Istan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AKCP AUDUM - Swissyala 345KV AUDUM - Swissyala 345KV AUDUM - SWISSYALA SKV AUDUM - SWISSYALA SKV AUDUM - SWISSYALA SKV AKCP AUSHA (NASH 11) 345/161/3 SKV TRANSFORMER CKT 1 Istan - Jeffrey Energy Center 345 kV KACP	Rebuild 3.89 miles Rebuild 3.89 miles Rebuild 3.89 miles Rebuild 3.89 miles Build new 16 miles 345 kV hot. Neligh and associated terminal equipment Build new 345 kV Transmission Line from GGS 345 kV Substation to new Cherry County 345 kV Substation (76 miles) Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Hot County Substation (Estimated 146 miles) Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Hot County Substation (Estimated 146 miles) Build new Gherry County 345 kV Substation Build new Gherry County 345 kV Substation (Estimated 146 miles) Build new 345 kV Transmission Line from Ges 345 kV Wine from Hoskins to Neligh Construct new substation at New Hot. Neligh and associated terminal equipment Build new 345 kV Transmission Line from Ges 345 kV Substation to a new Cherry County 345 kV Substation (76 miles). Build new 345 kV Transmission Line from Rev Cherry County 345 kV Substation to new 345 kV Hot County Substation (Estimated 146 miles). Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Hot County Substation (Estimated 146 miles). Build new 345 kV Transmission Line from new Cherry County 345 kV Substation. Build a new 50 mile 345 kV line from Hoskins to Neligh Construct new substation at Neligh, Install a new 345/115 kV transformer at Neligh.  Build 14.2 miles of new 345 kV Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV brasker, associated equipmer Build 36.8 miles of new 345 kV Rebuild 14.2 miles of new 345 kV are as a single circuit 345kV Rebuild 14.2 miles of new 345 kV are as a single circuit 345kV Rebuild 14.2 miles of new 345 kV are as a single circuit 345kV Rebuild 14.2 miles of new 345 kV are as a single circuit 345kV Rebuild 14.2 miles of new 345 kV are as a single circuit 345kV Rebuild 14.2 miles o
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5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	22SP 22SP 22SP 13WP 13WP 13WP 13WP 17WP 17WP 17WP 17WP 17WP 17WP 17WP 13WP 13WP 13WP 13WP 13WP	MIDW WERE WERE WERE WERE WERE WERE WERE WE	MIDW WERE WERE WERE WERE WERE WERE WERE WE	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 GRIS LNC HAVE LNC GRIS LNC HAYS PLANT - SOUTH HAYS 115KV CKT 1 HOYT - HOYTJS 3 115.00 115KV CKT 1	101.1 100.1 100.7 118.9	CEDAR CREEK - GREENWOOD 161NV CKT 1 CRAIG - PFLLIMM 161KV CKT 1 BASE CASE HOUL 230 - POSTROCKÉ 230.00 230KV CKT 1  HOYT - STRANGER CREEK 345KV CKT 1	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 HOLT - NELIGH 345KV CKT 1 Cherry Co - Gentleman 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co - 345 kV Terminal Upgrades Neligh - Hoskins 345 kV Ckt1 Neligh 345/115 kV Transformer HOLT - NELIGH 345KV Ckt1 Cherry Co - Gentleman 345 kV Ckt1 Cherry Co - Gentleman 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Neligh 345/115 kV Transformer Priority Projects Priority Projects Islam - Jeffrey Energy Center 345 kV KACP GOODYEAR JUNCTION - INDIAN HILLS 115 kV CKT 1 Islam - Jeffrey Energy Center 345 kV WERE Lacypre - Mañosa 346KV AMRN Lacypre - Mañosa 346KV AMRN Lacypre - Mañosa 346KV AMRN AUBURN ROAD (AUBRN77K) 349/115/13.8 kV TRANSFORMER CKT 1 NASHUM (NASH 11) 349/16/13.8 kV TRANSFORMER CKT 11 Islam - Jeffrey Energy Center 345 kV KACP GOODYEAR JUNCTION - INDIAN HILLS 115 kV CKT 1	Rebuild 3.89 miles Rebuild 3.89 miles Rebuild 3.89 miles Rebuild 3.89 miles Build new 16 miles 345 kV hot. Neligh and associated terminal equipment Build new 345 kV Transmission Line from GGS 345 kV Substation to new Cherry County 345 kV Substation (76 miles) Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Hot County Substation (Estimated 146 miles) Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Hot County Substation (Estimated 146 miles) Build new Gherry County 345 kV Substation Build new Gherry County 345 kV Substation (Estimated 146 miles) Build new 345 kV Transmission Line from Ges 345 kV Wine from Hoskins to Neligh Construct new substation at New Hot. Neligh and associated terminal equipment Build new 345 kV Transmission Line from Ges 345 kV Substation to a new Cherry County 345 kV Substation (76 miles). Build new 345 kV Transmission Line from Rev Cherry County 345 kV Substation to new 345 kV Hot County Substation (Estimated 146 miles). Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Hot County Substation (Estimated 146 miles). Build new 345 kV Transmission Line from new Cherry County 345 kV Substation. Build a new 50 mile 345 kV line from Hoskins to Neligh Construct new substation at Neligh, Install a new 345/115 kV transformer at Neligh.  Build 14.2 miles of new 345 kV Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV brasker, associated equipmer Build 36.8 miles of new 345 kV Rebuild 14.2 miles of new 345 kV are as a single circuit 345kV Rebuild 14.2 miles of new 345 kV are as a single circuit 345kV Rebuild 14.2 miles of new 345 kV are as a single circuit 345kV Rebuild 14.2 miles of new 345 kV are as a single circuit 345kV Rebuild 14.2 miles of new 345 kV are as a single circuit 345kV Rebuild 14.2 miles o
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	22SP 22SP 22SP 13WP 13WP 13WP 13WP 17WP 17WP 17WP 17WP 17WP 17WP 17WP 13WP 13WP 13WP 13WP 13WP 13WP 13WP 13	MIDW MIDW WERE WERE WERE WERE WERE WERE WERE WE	MIDW WERE WERE WERE WERE WERE WERE WERE WE	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 GRIS LNC HAYS LNC GRIS LNC HAYS PLANT - SOUTH HAYS 115KV CKT 1 HOYT - HOYTJS 3 115.00 115KV CKT 1	101.1 100.7 118.9 118.9 118.9 118.9 118.9 118.9 118.9 118.9 118.9 112.6	CEDAR CREEK - GREENWOOD 161NV CKT 1 CRAIG - PFLLIMM 161V CKT 1 BASE CASE  BAS	GREENWOOD - LENEXA NORTH 161KV CKT 1 GREENWOOD - LENEXA NORTH 161KV CKT 1 HOLT - NELIGH 345KV CKT 1 Cherry Co - Gentleman 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co 345 kV Terminal Upgrades Neligh - Hoskins 345 kV Ckt1 Neligh 345/115 kV Transformer HOLT - NELIGH 345KV CKT 1 Cherry Co - Gentleman 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co - Holt Co 345 kV Ckt1 Cherry Co 345 kV Terminal Upgrades Neligh 345/115 kV Transformer Priority Projects Priority Projects  Priority Projects  1atan - Jeffrey Energy Center 345 kV KACP GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1 Istan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AKCP AUDUM - Swissyala 345KV AUDUM - Swissyala 345KV AUDUM - SWISSYALA SKV AUDUM - SWISSYALA SKV AUDUM - SWISSYALA SKV AKCP AUSHA (NASH 11) 345/161/3 SKV TRANSFORMER CKT 1 Istan - Jeffrey Energy Center 345 kV KACP	Rebuild 3.89 miles Rebuild 3.89 miles Rebuild 3.89 miles Rebuild 3.89 miles Build new 16 miles 345 kV hot. Neligh and associated terminal equipment Build new 345 kV Transmission Line from GGS 345 kV Substation to new Cherry County 345 kV Substation (76 miles) Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Hot County Substation (Estimated 146 miles) Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 kV Hot County Substation (Estimated 146 miles) Build new 50 mile 345 kV line from Hoddins to Neligh Construct new substation at Neligh. Install a new 345/115 kV transformer at Neligh. Build new 345 kV Transmission Line from 628 345 kV Substation to a new Cherry County 345 kV Substation (76 miles). Build new 345 kV Transmission Line from 628 345 kV Substation to a new Cherry County 345 kV Substation (Estimated 146 miles). Build new 345 kV Transmission Line from 70 miles 345 kV Substation to new 345 kV Hot County Substation (Estimated 146 miles). Build new 345 kV Transmission Line from 16 miles). Build new 345 kV Transmission Line from 80 miles 345 kV Substation to new 345 kV Hot County Substation (Estimated 146 miles). Build new 345 kV Transmission Line from 16 miles). Build new 50 mile 345 kV line from Hoskins to Neligh Construct new substation at Neligh, Install a new 345/115 kV transformer at Neligh.  Build 14.2 miles of new 345 kV Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV braaker, associated equipme  Build 345 kV associated equipme  Rebuild the JEC - Hoty 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE deltaminate of 185kV Largener and installation of new fiber optic relay panels Substation will include removal of 345kV Carries equipment and installation of new fiber optic relay panels Substation will miles

5	17SP	WERE WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.0	HOYT - STRANGER CREEK 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.0	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.0	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.0	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.0	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
	.,,,,	WERE WERE	11011 11011000 110.00110.00 01011	11-1.0	THOSE CHICAGOS CALLESTONICS CALL	AUBURN ROAD (AUBRN77X) 345/115/13.8KV	Trebuild the 2010 time 620 Trabalit 2000 time do d diligio diodit o total
5	17SP	WERE WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.0	HOYT - STRANGER CREEK 345KV CKT 1	TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.0	HOYT - STRANGER CREEK 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.4	HOYT - STRANGER CREEK 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
						, , ,	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
5	22SP	WERE WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.4	HOYT - STRANGER CREEK 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
							Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.
5	22SP	WERE WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.4	HOYT - STRANGER CREEK 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Substation
5	22SP	WERE WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.4	HOYT - STRANGER CREEK 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
	22SP	WERE WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.4	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.4	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.4	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Aubum - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.4	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Audum - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	225P	WERE WERE	HUTT-HUTTIJS 3 115.00 115KV CKT 1	114.4	HUTT - STRANGER CREEK 345KV CKTT	AUBURN ROAD (AUBRN77X) 345/115/13.8KV	Rebuild the 29.6 mile JEC - Aubum 230kV line as a single circuit 345kV
5	22SP	WERE WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.4	HOYT - STRANGER CREEK 345KV CKT 1	TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE WERE	HOYT - HOYTJS 3 115.00 115KV CKT 1	114.4	HOYT - STRANGER CREEK 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	13WP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	102.6	SWISSVALE - WEST GARDNER 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
		WERE WERE	HOTT GETTIEF ENERGY GETTER GIGHT GITT	102.0	OWIGOVICE WEST SAMBILETO SAT T	main domey Energy Contained NV 10.01	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodvear (Station 1) substation will include 115kV buswork, one
5	13WP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	102.6	SWISSVALE - WEST GARDNER 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	115kV breaker, associated equipme
							Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.
5	13WP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	102.6	SWISSVALE - WEST GARDNER 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Substation
5	13WP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	102.6	SWISSVALE - WEST GARDNER 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	13WP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	102.6	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	13WP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	102.6	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	13WP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	102.6	SWISSVALE - WEST GARDNER 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	13WP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	102.6	SWISSVALE - WEST GARDNER 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	13WP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	102.6	SWISSVALE - WEST GARDNER 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	13WP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	102.6	SWISSVALE - WEST GARDNER 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
-	4700	were were	HOVE JEEEDEN ENERGY OF MEET A 4514 OVE 4	4044	AUBURN ROAD - JEFFREY ENERGY CENTER		B 31440 7 / 04514
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	124.1	230KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
					AUBURN ROAD - JEFFREY ENERGY CENTER		Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	124.1	230KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	124.1	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.  Substation
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	124.1	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	124.1	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	124.1	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	124.1	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
_	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	124.1	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	Auburn - JEC 345KV	
5					AUBURN ROAD - JEFFREY ENERGY CENTER	AUBURN ROAD (AUBRN77X) 345/115/13.8KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	124.1	230KV CKT 1 AUBURN ROAD - JEFFREY ENERGY CENTER	TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	124.1	230KV CKT 1	CKT 11	Add 345/161kV Transformer
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.9	SWISSVALE - WEST GARDNER 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.9	SWISSVALE - WEST GARDNER 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	reduilid 11.25 miles 115 kV iline with bundled 1192.5 ACSR and wood rharmer langent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
3	1735	WENT WENT	MOTITUDE ENERGY CENTER SHORY ORT I	122.3	CHICOVALE - WEGT GARDINER SHORV CRT I	SSSTEAR GORGING TORY INDIAN FILES TISKY ORT I	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.9	SWISSVALE - WEST GARDNER 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.  Substation
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.9	SWISSVALE - WEST GARDNER 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.9	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.9	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.9	SWISSVALE - WEST GARDNER 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.9	SWISSVALE - WEST GARDNER 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
-	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.9	SWISSVALE - WEST GARDNER 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5						NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.9	SWISSVALE - WEST GARDNER 345KV CKT 1  JEFFREY ENERGY CENTER - MORRIS	CKT 11	Add 345/161kV Transformer
	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	121.5	COUNTY 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV

5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	121.5	JEFFREY ENERGY CENTER - MORRIS COUNTY 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	121.5	JEFFREY ENERGY CENTER - MORRIS COUNTY 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
						JEFFREY ENERGY CENTER - MORRIS		
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	121.5	COUNTY 345KV CKT 1 JEFFREY ENERGY CENTER - MORRIS	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	121.5	COUNTY 345KV CKT 1 JEFFREY ENERGY CENTER - MORRIS	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	121.5	COUNTY 345KV CKT 1 JEFFREY ENERGY CENTER - MORRIS	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	121.5	COUNTY 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	121.5	JEFFREY ENERGY CENTER - MORRIS COUNTY 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	121.5	JEFFREY ENERGY CENTER - MORRIS COUNTY 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	121.5	JEFFREY ENERGY CENTER - MORRIS COUNTY 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE		HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.2	LACYGNE - STILWELL 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.2	LACYGNE - STILWELL 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.2	LACYGNE - STILWELL 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.  Substation
5	17SP 17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.2 114.2	LACYGNE - STILWELL 345KV CKT 1 LACYGNE - STILWELL 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AMRN	Build 56.8 miles of new 345 kV Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.2	LACYGNE - STILWELL 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE		HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.2	LACYGNE - STILWELL 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.2	LACYGNE - STILWELL 345KV CKT 1	Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.2	LACYGNE - STILWELL 345KV CKT 1	TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.2	LACYGNE - STILWELL 345KV CKT 1	CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	113.7	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	113.7	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	113.7	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	113.7	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	113.7	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	113.7	EAST MANHATTAN - JEFFREY ENERGY CENTER 230KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
	17SP	WERE			113.7	EAST MANHATTAN - JEFFREY ENERGY		
5			WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1		CENTER 230KV CKT 1 EAST MANHATTAN - JEFFREY ENERGY	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
- 5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	113.7	CENTER 230KV CKT 1 EAST MANHATTAN - JEFFREY ENERGY	Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	113.7	CENTER 230KV CKT 1 EAST MANHATTAN - JEFFREY ENERGY	TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	113.7	CENTER 230KV CKT 1 AUBURN ROAD (AUBRN77X) 230/115/13.8KV	CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	TRANSFORMER CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1 AUBURN ROAD (AUBRN77X) 230/115/13.8KV	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.  Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	TRANSFORMER CKT 1 AUBURN ROAD (AUBRN77X) 230/115/13.8KV	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	TRANSFORMER CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	111.1	JEFFREY ENERGY CENTER - SUMMIT 345KV	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	111.1	JEFFREY ENERGY CENTER - SUMMIT 345KV	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV brasker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	111.1	JEFFREY ENERGY CENTER - SUMMIT 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	111.1	JEFFREY ENERGY CENTER - SUMMIT 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	111.1	JEFFREY ENERGY CENTER - SUMMIT 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
						JEFFREY ENERGY CENTER - SUMMIT 345KV		
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	111.1	CKI 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa

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5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	111.1	JEFFREY ENERGY CENTER - SUMMIT 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	111.1	JEFFREY ENERGY CENTER - SUMMIT 345KV	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
						JEFFREY ENERGY CENTER - SUMMIT 345KV	AUBURN ROAD (AUBRN77X) 345/115/13.8KV	
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	111.1	CKT 1  JEFFREY ENERGY CENTER - SUMMIT 345KV	TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	111.1	CKT 1	CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	110.2	LACYGNE - WEST GARDNER 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	110.2	LACYGNE - WEST GARDNER 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	110.2	LACYGNE - WEST GARDNER 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at J (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	110.2	LACYGNE - WEST GARDNER 345KV CKT 1 LACYGNE - WEST GARDNER 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5 5	17SP 17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	110.2 110.2	LACYGNE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV KACP	Indeterminate Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	110.2	LACYGNE - WEST GARDNER 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	110.2	LACYGNE - WEST GARDNER 345KV CKT 1	Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	110.2	LACYGNE - WEST GARDNER 345KV CKT 1	TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5 5	17SP 17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	110.2 109.7	LACYGNE - WEST GARDNER 345KV CKT 1 SPP-MIPU-05	CKT 11	Add 345/161kV Transformer Build 14.2 miles of new 345 kV
5	1/5P	WERE	WERE	HOTT-JEFFRET ENERGT CENTER 345KV CKT I	109.7	SPP-MIPU-05	latan - Jeffrey Energy Center 345 kV KACP	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.7	SPP-MIPU-05	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
5 5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.7 109.7	SPP-MIPU-05 SPP-MIPU-05	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels Substation Build 56 R millies of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.7	SPP-MIPU-05 SPP-MIPU-05	latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.7	SPP-MIPU-05	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.7	SPP-MIPU-05	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.7	SPP-MIPU-05	Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.7	SPP-MIPU-05	TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.7	SPP-MIPU-05 EAST MANHATTAN (EMANHT3X)	CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	230/115/18.0KV TRANSFORMER CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 1 EAST MANHATTAN (EMANHT3X)	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	230/115/18.0KV TRANSFORMER CKT 1 EAST MANHATTAN (EMANHT3X)	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	230/115/18.0KV TRANSFORMER CKT 1 EAST MANHATTAN (EMANHT3X)	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	230/115/18.0KV TRANSFORMER CKT 1 EAST MANHATTAN (EMANHT3X)	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	230/115/18.0KV TRANSFORMER CKT 1 EAST MANHATTAN (EMANHT3X)	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	230/115/18.0KV TRANSFORMER CKT 1 EAST MANHATTAN (EMANHT3X)	Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	230/115/18.0KV TRANSFORMER CKT 1 FAST MANHATTAN (FMANHT3X)	TRANSFORMER CKT 1  NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5 5	17SP 17SP	WERE	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2 109.2	230/115/18.0KV TRANSFORMER CKT 1 SPP-WERE-48	CKT 11  latan - Jeffrey Energy Center 345 kV KACP	Add 345/161kV Transformer Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	SPP-WERE-48	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV buswork preaker, associated equipme
E	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	SPP-WERE-48	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels Substation
5	17SP		WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	SPP-WERE-48	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	SPP-WERE-48	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP 17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2 109.2	SPP-WERE-48 SPP-WERE-48	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa  Rebuild the 14.9 mile Auburn - Swissyale 230kV line as a single circuit 345kV
5 5	17SP 17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	SPP-WERE-48 SPP-WERE-48	Auburn - Swissvale 345KV Auburn - JEC 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	SPP-WERE-48	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.2	SPP-WERE-48	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	SPP-WERE-70B  SPP-WERE-70B	latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one
5								Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels
5	17SP 17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1 109.1	SPP-WERE-70B SPP-WERE-70B	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 latan - Jeffrey Energy Center 345 kV WERE	Substation Build 56.8 miles of new 345 kV
5	17SP	WERE		HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	SPP-WERE-70B SPP-WERE-70B	Lacyone - Mariosa 345KV AMRN	Build 56.8 miles of new 345 KV Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	SPP-WERE-70B	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	SPP-WERE-70B	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	SPP-WERE-70B	Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5		WERE		HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	SPP-WERE-70B	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	SPP-WERE-70B	CKT 11	Add 345/161kV Transformer

						LAWRENCE HILL (LAWHL29X) 230/115/13.8KV		
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	TRANSFORMER CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE			LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1		
5				HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	TRANSFORMER CKT 1 LAWRENCE HILL (LAWHL29X) 230/115/13.8KV	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	TRANSFORMER CKT 1 LAWRENCE HILL (LAWHL29X) 230/115/13.8KV	Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE		HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	TRANSFORMER CKT 1 LAWRENCE HILL (LAWHL29X) 230/115/13.8KV	TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE		HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	TRANSFORMER CKT 1 AUBURN ROAD - SHERWOD 115KV CKT 1	CKT 11 latan - Jeffrey Energy Center 345 kV KACP	Add 345/161kV Transformer  Build 14.2 miles of new 345 kV
	1701	WEIKE	WEITE	HOTT VETTRET ENERGY GENTER GIGHT GRATT	100.0	ACCOUNTED CHERNICO FICH CHI	iddin somey Energy content one its rever	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	AUBURN ROAD - SHERWOD 115KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
_	17SP	WEDE	WERE	LIOVE IEEEDEV ENEDOV OFNIED 2450V OVE 4	109.0	ALIBURN DOAD, CHEDWOD 445IO/CKT 4	HOVE JEEEDEN ENEDON CENTED SAFRIN OVE 4	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.  Substation
5	17SP 17SP	WERE		HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	AUBURN ROAD - SHERWOD 115KV CKT 1 AUBURN ROAD - SHERWOD 115KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 latan - Jeffrey Energy Center 345 kV WERE	Substation Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	AUBURN ROAD - SHERWOD 115KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5 5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	AUBURN ROAD - SHERWOD 115KV CKT 1  AUBURN ROAD - SHERWOD 115KV CKT 1	Lacygne - Mariosa 345KV KACP Auburn - Swissvale 345KV	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	AUBURN ROAD - SHERWOD 115KV CKT 1  AUBURN ROAD - SHERWOD 115KV CKT 1	Auburn - Swissvale 345KV Auburn - JEC 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
							AUBURN ROAD (AUBRN77X) 345/115/13.8KV	¥
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0	AUBURN ROAD - SHERWOD 115KV CKT 1	TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5 5	17SP 17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.0 108.8	AUBURN ROAD - SHERWOD 115KV CKT 1  AUBURN ROAD - INDIAN HILLS 115KV CKT 1	CKT 11 latan - Jeffrey Energy Center 345 kV KACP	Add 345/161kV Transformer Build 14.2 miles of new 345 kV
3	1735	WERE	WERE	HOTT - JEFFRET ENERGT CENTER 343RV CRT T	100.0	AUBURN ROAD - INDIAN HILLS 115RV CRT 1	latan - Jenney Energy Center 343 KV KACF	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
_								(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.
5	17SP 17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8 108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1 AUBURN ROAD - INDIAN HILLS 115KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 latan - Jeffrey Energy Center 345 kV WERE	Substation Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE		HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1	Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1  AUBURN ROAD - INDIAN HILLS 115KV CKT 1	Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer
5 5	17SP 17SP	WERE WERE	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8 108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1  AUBURN ROAD - INDIAN HILLS 115KV CKT 1  AUBURN ROAD - INDIAN HILLS 115KV CKT 1	Auburn - JEC 345KV AUBURN RODO (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer
5 5 5	17SP 17SP 17SP 17SP	WERE WERE WERE	WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8 108.8 108.8 108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1  AUBURN ROAD - INDIAN HILLS 115KV CKT 1  AUBURN ROAD - INDIAN HILLS 115KV CKT 1  GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	Auburn - JEC 345KV AUBURN ROAD (AUBRNTX) 345/115/13.8KV TRANSFORMER CKT 1 NASHUA (NASH 11) 345/16/13.8KV TRANSFORMER CKT 11 latan - Jeffrey Energy Center 345 kV KACP	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one
5 5 5 5	17SP 17SP	WERE WERE	WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8 108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1  AUBURN ROAD - INDIAN HILLS 115KV CKT 1  AUBURN ROAD - INDIAN HILLS 115KV CKT 1	Auburn - JEC 345KV AUBURN RODO (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyer (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
5 5 5	17SP 17SP 17SP 17SP 17SP 17SP	WERE WERE WERE WERE	WERE WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8 108.8 108.8 108.8 108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1  AUBURN ROAD - INDIAN HILLS 115KV CKT 1  AUBURN ROAD - INDIAN HILLS 115KV CKT 1  GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1  GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1  GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	AUBURN ROAD (AUBRATY) 345/115/13.8KV AUBURN ROAD (AUBRATY) 345/115/13.8KV TRANSFORMER CKT 1 NASHUA (NASH 11) 345/16/1/3.8KV TRANSFORMER CKT 11 latan - Jeffrey Energy Center 345 kV KACP GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Sation 1) substation will include 115kV buswork, one  115kV breaker, associated equipme  Rebuild the JEC - Hoty 1345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5 5 5	17SP 17SP 17SP 17SP 17SP 17SP 17SP	WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8 108.8 108.8 108.8 108.8 108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1  AUBURN ROAD - INDIAN HILLS 115KV CKT 1  AUBURN ROAD - INDIAN HILLS 115KV CKT 1  GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	AUBURN ROAD (AUBENTY) 345/15/13.8KV AUBURN ROAD (AUBENTY) 345/15/13.8KV TRANSFORMER CKT 1 NASHUA (NASH 11) 345/16/13.8KV TRANSFORMER CKT 11 latan - Jeffrey Energy Center 345 kV KACP GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 latan - Jeffrey Energy Center 345 kV WERE	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation  Build 56.8 miles of new 345 kV
5 5 5	17SP 17SP 17SP 17SP 17SP 17SP 17SP 17SP	WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8 108.8 108.8 108.8 108.8 108.8 108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1  AUBURN ROAD - INDIAN HILLS 115KV CKT 1  AUBURN ROAD - INDIAN HILLS 115KV CKT 1  GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	Auburn - JEC 345KV AUBURN ROAD (AUBRNTX) 345/115/13.8KV TRANSFORMER CKT 1 NASHUA (NASH 11) 345/16/13.8KV TRANSFORMER CKT 11 latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AMRN	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation  Build 56.8 miles of new 345 kV  Indeterminate
5 5 5	17SP 17SP 17SP 17SP 17SP 17SP 17SP	WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8 108.8 108.8 108.8 108.8 108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1  AUBURN ROAD - INDIAN HILLS 115KV CKT 1  AUBURN ROAD - INDIAN HILLS 115KV CKT 1  GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	AUBURN ROAD (AUBENTY) 345/15/13.8KV AUBURN ROAD (AUBENTY) 345/15/13.8KV TRANSFORMER CKT 1 NASHUA (NASH 11) 345/16/13.8KV TRANSFORMER CKT 11 latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation  Build 56.8 miles of new 345 kV
5 5 5	17SP 17SP 17SP 17SP 17SP 17SP 17SP 17SP	WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8 108.8 108.8 108.8 108.8 108.8 108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1  AUBURN ROAD - INDIAN HILLS 115KV CKT 1  AUBURN ROAD - INDIAN HILLS 115KV CKT 1  GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	Auburn - JEC 345KV AUBURN ROAD (AUBRNTX) 345/115/13.8KV TRANSFORMER CKT 1 NASHUA (NASH 11) 345/16/13.8KV TRANSFORMER CKT 11 latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AMRN	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation  Build 56.8 miles of new 345 kV  Indeterminate
5 5 5 5 5 5 5	17SP 17SP 17SP 17SP 17SP 17SP 17SP 17SP	WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1  AUBURN ROAD - INDIAN HILLS 115KV CKT 1  AUBURN ROAD - INDIAN HILLS 115KV CKT 1  GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	Auburn - JEC 345KV  AUBURN ROAD (AUBRNTX) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/18/13.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE  Lacygne - Mariosa 345KV AMRN  Lacygne - Mariosa 345KV KACP  Auburn - Swissvale 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation  Build 56.8 miles of new 345 kV  Indeterminate  Build approximately 181 miles of 345kV Lacygne - Mariosa
5 5 5 5 5 5 5 5	17SP 17SP 17SP 17SP 17SP 17SP 17SP 17SP	WERE WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1  AUBURN ROAD - INDIAN HILLS 115KV CKT 1  AUBURN ROAD - INDIAN HILLS 115KV CKT 1  GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	Auburn - JEC 345KV AUBURN ROAD (AUBRNTYX) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/18/13.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AMRN  Lacygne - Mariosa 345KV KACP  Auburn - JEC 345KV  AUBURN ROAD (AUBRNTYX) 345/115/13.8KV TRANSFORMER CKT 1	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.  Build 56.8 miles of new 345 kV  Indeterminate  Build approximately 181 miles of 345kV Lacygne - Mariosa  Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5 5 5 5 5 5 5 5 5	17SP 17SP 17SP 17SP 17SP 17SP 17SP 17SP	WERE WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1  AUBURN ROAD - INDIAN HILLS 115KV CKT 1.  AUBURN ROAD - INDIAN HILLS 115KV CKT 1.  GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1.	Auburn - JEC 345KV AUBURN ROAD (AUBRNTYX) 345/115/13.8KV TRANSFORMER CKT 1 NASHUA (NASH 11) 345/16/1/3.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AMRN  Lacygne - Mariosa 345KV AMRN  Lacygne - Mariosa 345KV AKCP  Auburn - Swissvale 345KV  Auburn - JEC 345KV  AUBURN ROAD (AUBRNYTX) 345/115/13.8KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation  Build 56.8 miles of new 345 kV  Indeterminate  Build approximately 181 miles of 345kV Lacygne - Mariosa  Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5 5 5 5 5 5 5 5 5	17SP 17SP 17SP 17SP 17SP 17SP 17SP 17SP	WERE WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1  AUBURN ROAD - INDIAN HILLS 115KV CKT 1  AUBURN ROAD - INDIAN HILLS 115KV CKT 1  GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1	Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/18/13.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV AKCP  Auburn - Swissvale 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/1173.8KV TRANSFORMER	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme.  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation  Build 56.8 miles of new 345 kV  Indeterminate  Build approximately 181 miles of 345kV Lacygne - Mariosa  Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV
5 5 5 5 5 5 5 5 5 5 5	17SP 17SP 17SP 17SP 17SP 17SP 17SP 17SP	WERE WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1  AUBURN ROAD - INDIAN HILLS 115KV CKT 1  AUBURN ROAD - INDIAN HILLS 115KV CKT 1  GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1  LUWRENCE HILL - MIDLAND JUNCTION 230KV	Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/18/13.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE  Lacygne - Mariosa 345KV AMRN  Lacygne - Mariosa 345KV AMRN  Lacygne - Mariosa 345KV AKCP  Auburn - Swissvale 345KV  AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/618/13.8KV TRANSFORMER CKT 11	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Sation 1) substation will include 115kV buswork, one 115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation  Build 56.8 miles of new 345 kV  Indeterminate  Build approximately 181 miles of 345kV Lacygne - Mariosa  Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 12.5 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5 5 5 5 5 5 5 5 5 5	17SP 17SP 17SP 17SP 17SP 17SP 17SP 17SP	WERE WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1  AUBURN ROAD - INDIAN HILLS 115KV CKT 1.  AUBURN ROAD - INDIAN HILLS 115KV CKT 1.  GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1.  LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1.  LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1.  LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1.	Auburn - JEC 345KV AUBURN ROAD (AUBRNYTX) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/13.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE  Lacygne - Mariosa 345KV AMRN  Lacygne - Mariosa 345KV KACP  Auburn - JEC 345KV  AUBURN ROAD (AUBRNYTX) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/1/13.8KV TRANSFORMER CKT 11  Iatan - Jeffrey Energy Center 345 kV KACP	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation  Build 56.8 miles of new 345 kV  Indeterminate  Build approximately 181 miles of 345kV Lacygne - Mariosa  Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one
5 5 5 5 5 5 5 5 5 5 5 5	17SP 17SP 17SP 17SP 17SP 17SP 17SP 17SP	WERE WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1  AUBURN ROAD - INDIAN HILLS 115KV CKT 1.  AUBURN ROAD - INDIAN HILLS 115KV CKT 1.  GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1.  LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1.	Auburn - JEC 345KV AUBURN ROAD (AUBRNYTX) 345/11513.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/181/13.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV KACP  Auburn - Swissko 345KV AUBURN ROAD (AUBRNYTX) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16173.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-Irame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipmen  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation 1) substation will include removal of 345kV substation will include removal of 345kV line as a single circuit 345kV line as a single circuit 345kV line as a single circuit 345kV Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV braaker, associated equipmer.
5 5 5 5 5 5 5 5 5 5 5 5	17SP 17SP 17SP 17SP 17SP 17SP 17SP 17SP	WERE WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1  GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1  LAWRENCE HILL - MIDLAND JUNCTION 230KV LA	Auburn - JEC 345KV AUBURN ROAD (AUBRNTYX) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE  Lacygne - Mariosa 345KV AMRN  Auburn - Swissvale 345KV  AUBURN ROAD (AUBRNTYX) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 343/161/13.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-Irame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation  Build 56.8 miles of new 345 kV  Indeterminate  Build approximately 181 miles of 345kV Lacygne - Mariosa  Rebuild the 4.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-Irame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipmer  Rebuild the JEC - Hoyt 345kV line as a single circuit with brev conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	17SP 17SP 17SP 17SP 17SP 17SP 17SP 17SP	WERE WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1  AUBURN ROAD - INDIAN HILLS 115KV CKT 1.  AUBURN ROAD - INDIAN HILLS 115KV CKT 1.  AUBURN ROAD - INDIAN HILLS 115KV CKT 1.  GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1.  LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1.	Auburn - JEC 345KV AUBURN ROAD (AUBRNTYX) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/18/13.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AMRN  Lacygne - Mariosa 345KV AMRN  Auburn - JEC 345KV AUBURN ROAD (AUBRNTYX) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/13.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV KACP	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood-H-rame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 116kV buswork, one 115kV breaker, associated equipmen  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation  Build 56.8 miles of new 345 kV  Indeterminate  Build approximately 181 miles of 345kV Lacygne - Mariosa  Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 116kV buswork, one 115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at IGCOORD substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.
5 5 5 5 5 5 5 5 5 5 5 5 5 5	17SP 17SP 17SP 17SP 17SP 17SP 17SP 17SP	WERE WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1  AUBURN ROAD - INDIAN HILLS 115KV CKT 1.  AUBURN ROAD - INDIAN HILLS 115KV CKT 1.  AUBURN ROAD - INDIAN HILLS 115KV CKT 1.  GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1.  LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1.	Auburn - JEC 345KV AUBURN ROAD (AUBRNYTX) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/18/13.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AMRN  Lacygne - Mariosa 345KV AKCP  Auburn - JEC 345KV  AUBURN ROAD (AUBRNYTX) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/1/3.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV KACP	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood-H-rame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 116kV buswork, one 115kV breaker, associated equipmen  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation  Build 56.8 miles of new 345 kV  Indeterminate  Build approximately 181 miles of 345kV Lacygne - Mariosa  Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 116kV buswork, one 115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at IGC substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation will include removal of 345kV carrier equipment and
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	17SP 17SP 17SP 17SP 17SP 17SP 17SP 17SP	WERE WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8 108.8	AUBURN ROAD - INDIAN HILLS 115KV CKT 1  GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1  LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	Auburn - JEC 345KV AUBURN ROAD (AUBRNTYX) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/18/13.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AMRN  Lacygne - Mariosa 345KV AMRN  Auburn - JEC 345KV AUBURN ROAD (AUBRNTYX) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/13.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV KACP	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood-H-rame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 116kV buswork, one 115kV breaker, associated equipmen  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation  Build 56.8 miles of new 345 kV  Indeterminate  Build approximately 181 miles of 345kV Lacygne - Mariosa  Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 116kV buswork, one 115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at IGCOORD substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.

5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
- 5						MIDLAND JUNCTION (MIDJ126X)		
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	230/115/18.0KV TRANSFORMER CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV buswork, one 115kV busker, associated equipme Rebuild the JEC - Hoyr 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JI
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels  Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1 MIDLAND JUNCTION (MIDJ126X)	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	230/115/18.0KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
-	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
3						MIDLAND JUNCTION (MIDJ126X)		
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	230/115/18.0KV TRANSFORMER CKT 1 MIDLAND JUNCTION (MIDJ126X)	Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	230/115/18.0KV TRANSFORMER CKT 1 MIDLAND JUNCTION (MIDJ126X)	TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	230/115/18.0KV TRANSFORMER CKT 1	CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels Substation
-						SUMMIT (SUMMIT1X) 345/230/14.4KV		
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	TRANSFORMER CKT 1 SUMMIT (SUMMIT1X) 345/230/14.4KV	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	TRANSFORMER CKT 1 SUMMIT (SUMMIT1X) 345/230/14.4KV	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	TRANSFORMER CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
-	17SP				108.8	SUMMIT (SUMMIT1X) 345/230/14.4KV	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	
5		WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1		TRANSFORMER CKT 1 SUMMIT (SUMMIT1X) 345/230/14.4KV	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.8	TRANSFORMER CKT 1 COWSKIN (COWSKN1X) 138/69/13.2KV	CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	TRANSFORMER CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	COWSKIN (COWSKN1X) 138/69/13.2KV TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	rection in 30 miles in one miles with promoter in 2000 with wood in Harmer largers advocated with Orean Speed running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JI
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	COWSKIN (COWSKN1X) 138/69/13.2KV TRANSFORMER CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	COWSKIN (COWSKN1X) 138/69/13.2KV TRANSFORMER CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	COWSKIN (COWSKN1X) 138/69/13.2KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	COWSKIN (COWSKN1X) 138/69/13.2KV TRANSFORMER CKT 1		
5	1/5P	WEKE	WEKE	HOY1 - JEFFREY ENERGY CENTER 345KV CKT 1		COWSKIN (COWSKN1X) 138/69/13.2KV	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	TRANSFORMER CKT 1 COWSKIN (COWSKN1X) 138/69/13.2KV	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	TRANSFORMER CKT 1 COWSKIN (COWSKN1X) 138/69/13.2KV	Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	TRANSFORMER CKT 1	TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	COWSKIN (COWSKN1X) 138/69/13.2KV TRANSFORMER CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	MIDLAND JUNCTION - PENTAGON 115KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
- J					. 50.0	MIDLAND HINCTION BENTACON 445124 215		Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	MIDLAND JUNCTION - PENTAGON 115KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	MIDLAND JUNCTION - PENTAGON 115KV CKT	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JI (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	MIDLAND JUNCTION - PENTAGON 115KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
-	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	MIDLAND JUNCTION - PENTAGON 115KV CKT	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	MIDLAND JUNCTION - PENTAGON 115KV CKT	Lacygne - Mariosa 345KV KACP	indeterminate  Build approximately 181 miles of 345kV Lacygne - Mariosa
Ü						MIDLAND JUNCTION - PENTAGON 115KV CKT		
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	1 MIDLAND JUNCTION - PENTAGON 115KV CKT	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	1 MIDLAND JUNCTION - PENTAGON 115KV CKT	Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	1 MIDLAND JUNCTION - PENTAGON 115KV CKT	TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
	4700	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	1	CKT 11	Add 345/161kV Transformer
5	17SP	WEILE				EVANS ENERGY CENTER SOUTH -		

			,					
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
						EVANS ENERGY CENTER SOUTH -		
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	LAKERIDGE 138KV CKT 1 EVANS ENERGY CENTER SOUTH -	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	LAKERIDGE 138KV CKT 1 EVANS ENERGY CENTER SOUTH -	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	LAKERIDGE 138KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
_	17SP	WERE	WERE		108.2	EVANS ENERGY CENTER SOUTH -	AUBURN ROAD (AUBRN77X) 345/115/13.8KV	
5				HOYT - JEFFREY ENERGY CENTER 345KV CKT 1		LAKERIDGE 138KV CKT 1 EVANS ENERGY CENTER SOUTH -	TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	LAKERIDGE 138KV CKT 1	CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	(Station 1) substation will include removal of 345kV carrier enquipment and installation of new fiber optic relay panels.  Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1 ABILENE ENERGY CENTER 115/34.5KV	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	TRANSFORMER CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	ABILENE ENERGY CENTER 115/34.5KV TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	ABILENE ENERGY CENTER 115/34.5KV TRANSFORMER CKT 1 ABILENE ENERGY CENTER 115/34.5KV	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels Substation
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	TRANSFORMER CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	ABILENE ENERGY CENTER 115/34.5KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
						ABILENE ENERGY CENTER 115/34.5KV		
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	TRANSFORMER CKT 1 ABILENE ENERGY CENTER 115/34.5KV	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	TRANSFORMER CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	ABILENE ENERGY CENTER 115/34.5KV TRANSFORMER CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	ABILENE ENERGY CENTER 115/34.5KV TRANSFORMER CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
_						ABILENE ENERGY CENTER 115/34.5KV	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	
5	17SP 17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1 107.8	TRANSFORMER CKT 1 BASE CASE	CKT 11 latan - Jeffrey Energy Center 345 kV KACP	Add 345/161kV Transformer Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8	BASE CASE	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8	BASE CASE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels Substation
5	17SP 17SP	WERE		HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8 107.8	BASE CASE BASE CASE	latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AMRN	Build 56.8 miles of new 345 kV Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8	BASE CASE	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP 17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8 107.8	BASE CASE BASE CASE	Auburn - Swissvale 345KV Auburn - JEC 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
							AUBURN ROAD (AUBRN77X) 345/115/13.8KV	
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8	BASE CASE	TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8	BASE CASE EVANS ENERGY CENTER NORTH -	CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.4	SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1 EVANS ENERGY CENTER NORTH -	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.4	SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme

5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.4	EVANS ENERGY CENTER NORTH - SEDGWICK COUNTY NO. 12 COLWICH 138KV		Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels
	17SP				107.4	CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Substation
	17SP					EVANS ENERGY CENTER NORTH - SEDGWICK COUNTY NO. 12 COLWICH 138KV		
5		WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.4	CKT 1 EVANS ENERGY CENTER NORTH -	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
1 1	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.4	SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1 EVANS ENERGY CENTER NORTH -	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.4	SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
						EVANS ENERGY CENTER NORTH - SEDGWICK COUNTY NO. 12 COLWICH 138KV		
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.4	CKT 1 EVANS ENERGY CENTER NORTH -	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.4	SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.4	EVANS ENERGY CENTER NORTH - SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.4	EVANS ENERGY CENTER NORTH - SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
						TECUMSEH ENERGY CENTER - TECUMSEH		
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.3	HILL 115KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.3	TECUMSEH ENERGY CENTER - TECUMSEH HILL 115KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.3	TECUMSEH ENERGY CENTER - TECUMSEH HILL 115KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels Substation
	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.3	TECUMSEH ENERGY CENTER - TECUMSEH HILL 115KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Substation  Build 56.8 miles of new 345 kV
	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.3	TECUMSEH ENERGY CENTER - TECUMSEH HILL 115KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.3	TECUMSEH ENERGY CENTER - TECUMSEH HILL 115KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.3	TECUMSEH ENERGY CENTER - TECUMSEH HILL 115KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.3	TECUMSEH ENERGY CENTER - TECUMSEH HILL 115KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.3	TECUMSEH ENERGY CENTER - TECUMSEH HILL 115KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.3	TECUMSEH ENERGY CENTER - TECUMSEH HILL 115KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	MCCREDIE - THOMAS HILL 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	MCCREDIE - THOMAS HILL 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
-	17SP	WERE	WERE	HOVE RECEDEN ENERGY CENTER OVERAL CICE.	407.0	MOODEDIE THOMACHILL SAFIALOVTA	HOVE JEEEDEN ENERGY CENTED OVERLY OVER A	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels
	17SP	WERE		HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2 107.2	MCCREDIE - THOMAS HILL 345KV CKT 1 MCCREDIE - THOMAS HILL 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 latan - Jeffrey Energy Center 345 kV WERE	Substation Build 56.8 miles of new 345 kV
	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	MCCREDIE - THOMAS HILL 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	MCCREDIE - THOMAS HILL 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
	17SP 17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2 107.2	MCCREDIE - THOMAS HILL 345KV CKT 1 MCCREDIE - THOMAS HILL 345KV CKT 1	Auburn - Swissvale 345KV Auburn - JEC 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	MCCREDIE - THOMAS HILL 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	MCCREDIE - THOMAS HILL 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.1	STRANGER CREEK (STRANGER 1X) 345/115/14.4KV TRANSFORMER CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.1	STRANGER CREEK (STRANGER 1X) 345/115/14.4KV TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.1	STRANGER CREEK (STRANGER 1X) 345/115/14.4KV TRANSFORMER CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels Substation
	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.1	STRANGER CREEK (STRANGER 1X) 345/115/14.4KV TRANSFORMER CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.1	STRANGER CREEK (STRANGER 1X) 345/115/14.4KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.1	STRANGER CREEK (STRANGER 1X) 345/115/14.4KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.1	STRANGER CREEK (STRANGER 1X) 345/115/14.4KV TRANSFORMER CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.1	STRANGER CREEK (STRANGER 1X) 345/115/14.4KV TRANSFORMER CKT 1 STRANGER CREEK (STRANGER 1X)	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.1	STRANGER CREEK (STRANGER 1X) 345/115/14.4KV TRANSFORMER CKT 1 STRANGER CREEK (STRANGER 1X)	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
	17SP 17SP	WERE WERE	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.1 106.6	345/115/14.4KV TRANSFORMER CKT 1 BENTON - WOLF CREEK 345KV CKT 1	CKT 11  latan - Jeffrey Energy Center 345 kV KACP	Add 345/161kV Transformer Build 14.2 miles of new 345 kV
		WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.6	BENTON - WOLF CREEK 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP		1 -	·				Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.
5	17SP 17SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.6 106.6	BENTON - WOLF CREEK 345KV CKT 1 BENTON - WOLF CREEK 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Substation
5 5 5	17SP		WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.6 106.6 106.6 106.6	BENTON - WOLF CREEK 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV KACP	

5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.6	BENTON - WOLF CREEK 345KV CKT 1	Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.6	BENTON - WOLF CREEK 345KV CKT 1	TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.6	BENTON - WOLF CREEK 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.5	ROSE HILL - WOLF CREEK 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
							Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodvear (Station 1) substation will include 115kV buswork, one
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.5	ROSE HILL - WOLF CREEK 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	115kV breaker, associated equipme
							Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.5	ROSE HILL - WOLF CREEK 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Substation
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.5	ROSE HILL - WOLF CREEK 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.5	ROSE HILL - WOLF CREEK 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP 17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.5 106.5	ROSE HILL - WOLF CREEK 345KV CKT 1 ROSE HILL - WOLF CREEK 345KV CKT 1	Lacygne - Mariosa 345KV KACP Auburn - Swissvale 345KV	Build approximately 181 miles of 345kV Lacygne - Mariosa  Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.5	ROSE HILL - WOLF CREEK 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 14.9 mile Addum - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.5	ROSE HILL - WOLF CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.5	ROSE HILL - WOLF CREEK 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.8	LACYGNE - NEOSHO 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
							Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.8	LACYGNE - NEOSHO 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one
5	1/5P	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CRT 1	105.8	LACYGNE - NEUSHU 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
							(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.8	LACYGNE - NEOSHO 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Substation
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.8	LACYGNE - NEOSHO 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.8	LACYGNE - NEOSHO 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP 17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.8 105.8	LACYGNE - NEOSHO 345KV CKT 1 LACYGNE - NEOSHO 345KV CKT 1	Lacygne - Mariosa 345KV KACP Auburn - Swissvale 345KV	Build approximately 181 miles of 345kV Lacygne - Mariosa  Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.8	LACYGNE - NEOSHO 345KV CKT 1 LACYGNE - NEOSHO 345KV CKT 1	Auburn - Swissvale 345KV Auburn - JEC 345KV	Rebuild the 14.9 mile Aubum - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
,	1701	THE TYPE	SELLIKET ENERGY GENTER 343RV GRT I	100.0	DIGITAL - NEGOTIO STORY ORT I	AUBURN ROAD (AUBRN77X) 345/115/13.8KV	ACCOUNT THE 25.0 HING CEO - AUGUST 250KV III 6 as a single circuit 345KV
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.8	LACYGNE - NEOSHO 345KV CKT 1	TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	105.8	LACYGNE - NEOSHO 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.8	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
3	2235	WERE WERE	HOTT - JEFFRET ENERGT CENTER 343RV CRT T	122.0	230KV CKT 1	latari - Jelliey Erlergy Certer 343 kV KACF	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
					AUBURN ROAD - JEFFREY ENERGY CENTER		running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.8	230KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	115kV breaker, associated equipme
					AUBURN ROAD - JEFFREY ENERGY CENTER		Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.8	230KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pariets.  Substation
					AUBURN ROAD - JEFFREY ENERGY CENTER		
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.8	230KV CKT 1 AUBURN ROAD - JEFFREY ENERGY CENTER	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.8	230KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.8	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
,					AUBURN ROAD - JEFFREY ENERGY CENTER		
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.8	230KV CKT 1 AUBURN ROAD - JEFFREY ENERGY CENTER	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.8	230KV CKT 1 AUBURN ROAD - JEFFREY ENERGY CENTER	Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.8	230KV CKT 1	TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.8	AUBURN ROAD - JEFFREY ENERGY CENTER 230KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.0	SWISSVALE - WEST GARDNER 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
,	2201	WERE WERE	HOLL SELLINE ENERGY GENTER GASKY GRET	122.0	CHICANALL - WEGT GARDINER SASKY CKT T	Man. John by Energy Contor 343 KV RACE	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.0	SWISSVALE - WEST GARDNER 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
Ü	LLOF	WEINE WEINE	110.11-VELLIKET ENERGT GENTER 349RV GRT I	122.0	STANDARD - WEST SANDINER SHORY CRT I	SSSSTEAR GORGING - INDIAN FILES TISKY CKT I	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
							(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.0	SWISSVALE - WEST GARDNER 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Substation
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.0	SWISSVALE - WEST GARDNER 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.0	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.0	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
_							
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.0	SWISSVALE - WEST GARDNER 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.0	SWISSVALE - WEST GARDNER 345KV CKT 1	Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.0	SWISSVALE - WEST GARDNER 345KV CKT 1	TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	122.0	SWISSVALE - WEST GARDNER 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	120.2	EMPORIA ENERGY CENTER - SWISSVALE 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
						<u> </u>	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	120.2	EMPORIA ENERGY CENTER - SWISSVALE 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
							Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	120.2	EMPORIA ENERGY CENTER - SWISSVALE 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.  Substation
3					EMPORIA ENERGY CENTER - SWISSVALE		
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	120.2	345KV CKT 1 EMPORIA ENERGY CENTER - SWISSVALE	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	120.2	345KV CKT 1 EMPORIA ENERGY CENTER - SWISSVALE	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	120.2	345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa

5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	22SP 22SP 22SP 22SP 22SP	WERE WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	120.2	EMPORIA ENERGY CENTER - SWISSVALE 345KV CKT 1 EMPORIA ENERGY CENTER - SWISSVALE	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5 5 5 5 5 5 5 5 5	22SP 22SP 22SP	WERE			120.2	FMPORIA ENERGY CENTER - SWISSVALE	Aubum - Swissvale 345KV	Rebuild the 14.9 mile Aubum - Swissvale 230kV line as a single circuit 345kV
5 5 5 5 5 5 5 5 5	22SP 22SP		WERE	HOVE IEEEDEV ENERGY CENTER 246KV CVT 1				
5 5 5 5 5 5 5 5 5	22SP 22SP				120.2	345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5 5 5 5 5 5 5 5 5	22SP	WERE				EMPORIA ENERGY CENTER - SWISSVALE	AUBURN ROAD (AUBRN77X) 345/115/13.8KV	
5 5 5 5 5 5			WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	120.2	345KV CKT 1	TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5 5 5 5 5 5						EMPORIA ENERGY CENTER - SWISSVALE	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	
5 5 5 5 5 5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	120.2	345KV CKT 1	CKT 11	Add 345/161kV Transformer
5 5 5 5 5	LLU.	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.0	LACYGNE - STILWELL 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5 5 5 5 5								Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
5 5 5 5 5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.0	LACYGNE - STILWELL 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	2235	WERE	WENE	HOTT - JEFFRET ENERGT CENTER 343RV CRT T	114.0	EACTONE - STIEWELL 345KV CKT T	GOOD TEAR JOING HON - INDIAN HILLS TISKY CRIT	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
5								(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.0	LACYGNE - STILWELL 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.0	LACYGNE - STILWELL 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.0	LACYGNE - STILWELL 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.0	LACYGNE - STILWELL 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.0	LACYGNE - STILWELL 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
J	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.0	LACYGNE - STILWELL 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOVE IFFEREN ENERGY CENTER SAFIKA OVE A	114.0	LACYONE CTILWELL DAERLY OKTA	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Design 400MMA transferred with ECOMMA transferred
5	223P	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.0	LACYGNE - STILWELL 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	114.0	LACYGNE - STILWELL 345KV CKT 1	CKT 11	Add 345/161kV Transformer
	2201	WEILE	WEIKE	HOTT - SETTINET ENERGY GENTER S45KV GKT T	114.0	EAST MANHATTAN - JEFFREY ENERGY	OKI 11	Aud 340/101KV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	CENTER 230KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
							,	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
						EAST MANHATTAN - JEFFREY ENERGY		running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	CENTER 230KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	115kV breaker, associated equipme
								Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
		1				EAST MANHATTAN - JEFFREY ENERGY		(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	CENTER 230KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Substation
	0000	WESE	WEST	HOVE RECEDEN ENERGY CONTESS OF STATE OF	440.0	EAST MANHATTAN - JEFFREY ENERGY	late   laffer   Carron   0   0   0   0   0   0   0   0   0	Dodd FC 0 ill- 1 CATAN
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	CENTER 230KV CKT 1 EAST MANHATTAN - JEFFREY ENERGY	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	CENTER 230KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
3	2235	WERE	WERE	HOTT - JEFFRET ENERGT CENTER 343RV CRTT	112.0	EAST MANHATTAN - JEFFREY ENERGY	Lacygile - Mariosa 343KV AMKN	mateminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	CENTER 230KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
						EAST MANHATTAN - JEFFREY ENERGY		
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	CENTER 230KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
						EAST MANHATTAN - JEFFREY ENERGY		
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	CENTER 230KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
						EAST MANHATTAN - JEFFREY ENERGY	AUBURN ROAD (AUBRN77X) 345/115/13.8KV	
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	CENTER 230KV CKT 1	TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
						EAST MANHATTAN - JEFFREY ENERGY	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.8	CENTER 230KV CKT 1	CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.0	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
3	2235	WERE	WENE	HOTT - JEFFRET ENERGT CENTER 343RV CRT T	112.0	TRANSFORMER CRT 1	latari - Jerrey Erlergy Certer 343 kV KACF	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
						AUBURN ROAD (AUBRN77X) 230/115/13.8KV		running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.0	TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	115kV breaker, associated equipme
								Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
						AUBURN ROAD (AUBRN77X) 230/115/13.8KV		(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.0	TRANSFORMER CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Substation
						AUBURN ROAD (AUBRN77X) 230/115/13.8KV		
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.0	TRANSFORMER CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
						AUBURN ROAD (AUBRN77X) 230/115/13.8KV		
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.0	TRANSFORMER CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.0	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	223P	WERE	WERE	HOTT - JEFFRET ENERGT CENTER 345KV CKT I	112.0	AUBURN ROAD (AUBRN77X) 230/115/13.8KV	Lacygne - Mariosa 345KV KACP	Build approximately 161 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.0	TRANSFORMER CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
	LEUI	TTEINE		CELLICI CINCIO CENTER OFORVORT	112.0	AUBURN ROAD (AUBRN77X) 230/115/13.8KV	Addam Childada Grotty	TODANA IND 11.0 TINO TABANT ORIOGRAM EDUNA INTO AS A SINGIO CITOUR STORY
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.0	TRANSFORMER CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
						AUBURN ROAD (AUBRN77X) 230/115/13.8KV	AUBURN ROAD (AUBRN77X) 345/115/13.8KV	
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.0	TRANSFORMER CKT 1	TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
						AUBURN ROAD (AUBRN77X) 230/115/13.8KV	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	112.0	TRANSFORMER CKT 1	CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.5	LACYGNE - WEST GARDNER 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
								Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.5	LACYGNE - WEST GARDNER 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
3	2237	WERE	VVERE	HOTH SUFFREI ENERGY CENTER 343RV CKTT	109.5	LAGIGINE - WEST GARDINER 343KV CKT 1	GOOD LEAR JUNE HOW - INDIAN MILES HORV CK I I	115kV breaker, associated equipme  Rebuild the JEC - Hovt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
								(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.5	LACYGNE - WEST GARDNER 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.5	LACYGNE - WEST GARDNER 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.5	LACYGNE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.5	LACYGNE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.5	LACYGNE - WEST GARDNER 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.5	LACYGNE - WEST GARDNER 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
	22SP	WERE	WERE	HOVE JEEEDEN ENEDON OFFITED OVER THE	400.5	LAGNONE WEST CARRIED AGEST ST	AUBURN ROAD (AUBRN77X) 345/115/13.8KV	D. I. MONTHAL C. ST. FORTHALL C.
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.5	LACYGNE - WEST GARDNER 345KV CKT 1	TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.5	LACYGNE - WEST GARDNER 345KV CKT 1	CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.5	KCPL-OPGD#07	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
<b>—</b> — —			,			= 51 00#01		Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
								running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#07	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	115kV breaker, associated equipme
								Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
								(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.
	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#07	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#07	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#07	Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV KACP	Indeterminate
5 5 5					1091	KCPL-OPGD#07	i acvone - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
	22SP 22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1 109.1	KCPI - OPGD#07	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV

5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#07	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
							AUBURN ROAD (AUBRN77X) 345/115/13.8KV	
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#07	TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
-	0000	WEDE	WEDE	LIGHT IEEEDEV ENEDOV OENTED AASIA OKT A	400.4	WORL ODOD WOT	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	AUGGENOUST
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#07	CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HUYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#02	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
								running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#02	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	115kV breaker, associated equipme
	LLU:	WEIGE	· · · · · · · · · · · · · · · · · · ·	HOTT GETTIEF ENERGY GETTER GROWN GRET	100.1	NOI E OI ODIIGE	COORTER WOOD OF THE WATER CONTROL OF THE	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
								(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#02	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#02	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#02	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#02	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#02	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#02	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
_							AUBURN ROAD (AUBRN77X) 345/115/13.8KV	
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#02	TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
_	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	109.1	KCPL-OPGD#02	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE		HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.9	Al03	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
J	2201	WEILE	WEILE	HOTT - SETTINET ENERGY CENTER SASKY CITY	100.5	Alos	latari - Selifey Erleigy Genter 343 kV KAOI	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
								running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.9	AI03	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	115kV breaker, associated equipme
								Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
								(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.9	AI03	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Substation
5	22SP	WERE		HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.9	AI03	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE		HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.9	AI03	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE		HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.9	AI03	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.9	AI03	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.9	AI03	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
		1					AUBURN ROAD (AUBRN77X) 345/115/13.8KV	
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.9	AI03	TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
_	0000	WEDE	WEDE	LIGHT IFFEREN ENERGY OF MEDICAL OUT A	400.0	4100	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	A 110 (F)(A)(1) T
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.9	AI03	CKT 11	Add 345/161kV Transformer
_	0000	WEDE	WEDE	LIGHT IFFEREN ENERGY OF MEDICAL OUT A	400.0	EAST MANHATTAN (EMANHT3X)	1. 1." F 0 . 0.51111110B	D 71440 7 ( 0451V
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	230/115/18.0KV TRANSFORMER CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
						EAST MANHATTAN (EMANHT3X)		
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	230/115/18.0KV TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
3	2235	WERE	WERE	HOTT - JEFFRET ENERGT CENTER 343RV CRTT	100.3	230/113/18.0KV TRANSFORMER CRT I	GOOD TEAR JOING HON - INDIAN HILLS TISKY CRIT	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
						FAST MANHATTAN (FMANHT3X)		(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	230/115/18.0KV TRANSFORMER CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Substation
						EAST MANHATTAN (EMANHT3X)		
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	230/115/18.0KV TRANSFORMER CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
						EAST MANHATTAN (EMANHT3X)	, ,,	
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	230/115/18.0KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
						EAST MANHATTAN (EMANHT3X)		
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	230/115/18.0KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
						EAST MANHATTAN (EMANHT3X)		
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	230/115/18.0KV TRANSFORMER CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
_						EAST MANHATTAN (EMANHT3X) 230/115/18.0KV TRANSFORMER CKT 1		
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	EAST MANHATTAN (EMANHT3X)	Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	230/115/18.0KV TRANSFORMER CKT 1	TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
	2201	WEILE	WEILE	HOTT - SETTINET ENERGY CENTER SASKY CITY	100.5	FAST MANHATTAN (FMANHT3X)	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400017A transformer with 300007A transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.3	230/115/18.0KV TRANSFORMER CKT 1	CKT 11	Add 345/161kV Transformer
						FLINT CREEK - SILOAM SPRINGS TAP 345KV		
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
							, ,,	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
						FLINT CREEK - SILOAM SPRINGS TAP 345KV		running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	115kV breaker, associated equipme
		1						Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
		1				FLINT CREEK - SILOAM SPRINGS TAP 345KV		(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Substation
				HOVE PERSON SHEDOW STORY	40	FLINT CREEK - SILOAM SPRINGS TAP 345KV		B 31500 3
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	2200	WERE	WEDE	HOVE REFERENCEMENCY OF MEETING OVER 1	100.0	FLINT CREEK - SILOAM SPRINGS TAP 345KV CKT 1	Lagrana Maria 245/07 AMDN	Indator
5	22SP	WEKE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	CKT 1 FLINT CREEK - SILOAM SPRINGS TAP 345KV	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	2201	WERE	WERE	HOTH FUEL FINENCT CENTER 343NV CKT 1	100.2	FLINT CREEK - SILOAM SPRINGS TAP 345KV	Lacygne - Ivianosa 345NV NACP	Bunu approximatery 101 miles 01 343KV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
T T			,			FLINT CREEK - SILOAM SPRINGS TAP 345KV		
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
Ŭ			,			FLINT CREEK - SILOAM SPRINGS TAP 345KV	AUBURN ROAD (AUBRN77X) 345/115/13.8KV	
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	CKT 1	TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
						FLINT CREEK - SILOAM SPRINGS TAP 345KV	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.2	CKT 1	CKT 11	Add 345/161kV Transformer
		1	1			LAWRENCE HILL (LAWHL29X) 230/115/13.8KV		
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	TRANSFORMER CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
		1						Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
1 - 1	0000	WESE	WESE	HOVE IEEEDEVENEDOV OENTER OVERA COE	400.4	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV	COODYEAD HINGTION INCOMES A 4515 : 5175 :	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	115kV breaker, associated equipme
		1				LAMBENCE HILL (LAMHL20V) 220/445/42 000/		Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
_	2200	WEDE	WEDE	HOVE REFERENCEMENCY OF MEETING OVER 1	100.4	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV	HOVE RECEDEN ENERGY OFFITER SAFRAY OVER	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	TRANSFORMER CKT 1 LAWRENCE HILL (LAWHL29X) 230/115/13.8KV	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	TRANSFORMER CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	2201	WERE	WERE	HOTT - JEFFRET ENERGT GENTER 343RV CKTT	100.1	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV	iatan - Jenney Energy Center 343 KV WERE	Dunu 30.0 miles Of New 343 KV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	TRANSFORMER CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
ŭ						LAWRENCE HILL (LAWHL29X) 230/115/13.8KV		
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	TRANSFORMER CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
	_							

5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
-						LAWRENCE HILL (LAWHL29X) 230/115/13.8KV		
- 5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	TRANSFORMER CKT 1 LAWRENCE HILL (LAWHL29X) 230/115/13.8KV	Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	TRANSFORMER CKT 1	TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	108.1	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.9	AUBURN ROAD - SHERWOD 115KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.9	AUBURN ROAD - SHERWOD 115KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
5	22SP	WERE		HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.9	AUBURN ROAD - SHERWOD 115KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels Substation
5	22SP 22SP	WERE		HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.9 107.9	AUBURN ROAD - SHERWOD 115KV CKT 1 AUBURN ROAD - SHERWOD 115KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AMRN	Build 56.8 miles of new 345 kV Indeterminate
5	22SP	WERE		HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.9	AUBURN ROAD - SHERWOD 115KV CKT 1	Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.9	AUBURN ROAD - SHERWOD 115KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.9	AUBURN ROAD - SHERWOD 115KV CKT 1	Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.9	AUBURN ROAD - SHERWOD 115KV CKT 1	TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.9	AUBURN ROAD - SHERWOD 115KV CKT 1 SUMMIT (SUMMIT1X) 345/230/14.4KV	CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8	TRANSFORMER CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE		107.8	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1		
5	22SP	WERE		HOYT - JEFFREY ENERGY CENTER 345KV CKT 1		SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5			WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8	SUMMIT (SUMMIT1X) 345/230/14.4KV	Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
- 5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8	TRANSFORMER CKT 1 SUMMIT (SUMMIT1X) 345/230/14.4KV	TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	22SP 22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.8 107.7	TRANSFORMER CKT 1 AUBURN ROAD - INDIAN HILLS 115KV CKT 1	CKT 11	Add 345/161kV Transformer Build 14.2 miles of new 345 kV
5								Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one
5	22SP	WERE		HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	AUBURN ROAD - INDIAN HILLS 115KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	115kV breaker, associated equipme Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels
5	22SP 22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7 107.7	AUBURN ROAD - INDIAN HILLS 115KV CKT 1 AUBURN ROAD - INDIAN HILLS 115KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 latan - Jeffrey Energy Center 345 kV WERE	Substation Build 56.8 miles of new 345 kV
5	22SP	WERE		HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	AUBURN ROAD - INDIAN HILLS 115KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE		HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	AUBURN ROAD - INDIAN HILLS 115KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP 22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7 107.7	AUBURN ROAD - INDIAN HILLS 115KV CKT 1 AUBURN ROAD - INDIAN HILLS 115KV CKT 1	Auburn - Swissvale 345KV Auburn - JEC 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	AUBURN ROAD - INDIAN HILLS 115KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	AUBURN ROAD - INDIAN HILLS 115KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
-	22SP	WERE	WERE		107.7	LAWRENCE HILL - MIDLAND JUNCTION 230KV		Build 14.2 miles of new 345 kV
- 5				HOYT - JEFFREY ENERGY CENTER 345KV CKT 1		LAWRENCE HILL - MIDLAND JUNCTION 230KV	latan - Jeffrey Energy Center 345 kV KACP	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1 LAWRENCE HILL - MIDLAND JUNCTION 230KV	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	CKT 1  LAWRENCE HILL - MIDLAND JUNCTION 230KV	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	CKT 1  LAWRENCE HILL - MIDLAND JUNCTION 230KV	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	CKT 1  LAWRENCE HILL - MIDLAND JUNCTION 230KV	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	CKT 1  LAWRENCE HILL - MIDLAND JUNCTION 230KV	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	CKT 1  LAWRENCE HILL - MIDLAND JUNCTION 230KV	Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	CKT 1  LAWRENCE HILL - MIDLAND JUNCTION 230KV	TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	CKT 1 MIDLAND JUNCTION (MIDJ126X)	CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	230/115/18.0KV TRANSFORMER CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
						MIDLAND JUNCTION (MIDJ126X)		Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	230/115/18.0KV TRANSFORMER CKT 1  MIDLAND JUNCTION (MIDJ126X)	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	115kV breaker, associated equipme Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels
	0000	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	230/115/18.0KV TRANSFORMER CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Substation
5	22SP 22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV

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5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
-					MIDLAND JUNCTION (MIDJ126X)	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.7	230/115/18.0KV TRANSFORMER CKT 1 COWSKIN (COWSKN1X) 138/69/13.2KV	CKT 11	Add 345/161kV Transformer
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	TRANSFORMER CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	COWSKIN (COWSKN1X) 138/69/13.2KV TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	COWSKIN (COWSKN1X) 138/69/13.2KV TRANSFORMER CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.  Substation
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	COWSKIN (COWSKN1X) 138/69/13.2KV TRANSFORMER CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	COWSKIN (COWSKN1X) 138/69/13.2KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	COWSKIN (COWSKN1X) 138/69/13.2KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	COWSKIN (COWSKN1X) 138/69/13.2KV TRANSFORMER CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
-					COWSKIN (COWSKN1X) 138/69/13.2KV		
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	TRANSFORMER CKT 1 COWSKIN (COWSKN1X) 138/69/13.2KV	Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	TRANSFORMER CKT 1 COWSKIN (COWSKN1X) 138/69/13.2KV	TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	TRANSFORMER CKT 1 MIDLAND JUNCTION - PENTAGON 115KV CKT	CKT 11	Add 345/161kV Transformer
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	MIDLAND JUNCTION - PENTAGON 115KV CKT	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	MIDLAND JUNCTION - PENTAGON 115KV CKT	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
-	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	MIDLAND JUNCTION - PENTAGON 115KV CKT	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
-				.,,	MIDLAND JUNCTION - PENTAGON 115KV CKT	•	
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	1 MIDLAND JUNCTION - PENTAGON 115KV CKT	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	1 MIDLAND JUNCTION - PENTAGON 115KV CKT	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	1 MIDLAND JUNCTION - PENTAGON 115KV CKT 1 MIDLAND JUNCTION - PENTAGON 115KV CKT	Lacygne - Mariosa 345KV KACP  Auburn - Swissvale 345KV	Build approximately 181 miles of 345kV Lacygne - Mariosa  Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5 5 5					1 MIDLAND JUNCTION - PENTAGON 115KV CKT 1	Auburn - Swissvale 345KV Auburn - JEC 345KV	
5 5 5	22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2	1 MIDLAND JUNCTION - PENTAGON 115KV CKT 1 MIDLAND JUNCTION - PENTAGON 115KV CKT 1	Auburn - Swissvale 345KV  Auburn - JEC 345KV  AUBURN ROAD (AUBRN77X) 345/115/13.8KV  TRANSFORMER CKT 1	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5 5 5 5	22SP 22SP	WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2 107.2	1 MIDLAND JUNCTION - PENTAGON 115KV CKT	Auburn - Swissvale 345KV  Auburn - JEC 345KV  AUBURN ROAD (AUBRN77X) 345/115/13.8KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5 5 5 5 5	22SP 22SP 22SP	WERE WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2 107.2	1 MIDLAND JUNCTION - PENTAGON 115KV CKT 1 MIDLAND JUNCTION - PENTAGON 115KV CKT 1	Auburn - Swissvale 345KV  Auburn - JEC 345KV  AUBURN ROAD (AUBRN77X) 345/115/13.8KV  TRANSFORMER CKT 1  NASHUA (NASH1) 345/11/13.8KV TRANSFORMER	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV
5 5 5 5 5	22SP 22SP 22SP 22SP	WERE WERE WERE WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2 107.2 107.2	1 PENTAGON 115KV CKT 1 MIDLAND JUNCTION - PENTAGON 115KV CKT 1 MIDLAND JUNCTION - PENTAGON 115KV CKT 1 MIDLAND JUNCTION - PENTAGON 115KV CKT 1 EVANS ENERGY CENTER SOUTH -	Auburn - Swissvale 345KV  Auburn - JEC 345KV  AUBURN ROAD (AUBRN77X) 345/115/13.8KV  TRANSFORMER CKT 1  NASHUA (NASH 11) 345/11/3.8KV TRANSFORMER  CKT 11	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV braeker, associated equipme
	22SP 22SP 22SP 22SP 22SP 22SP	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2 107.2 107.2 107.2 107.1	1 MIDLAND JUNCTION - PENTAGON 115KV CKT MIDLAND JUNCTION - PENTAGON 115KV CKT 1 MIDLAND JUNCTION - PENTAGON 115KV CKT 1 EVANS ENERGY CENTER SOUTH- LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH- LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH-	Auburn - Swissvale 345KV  Auburn - JEC 345KV  AUBURN ROAD (AUBRN77K) 345f115/13.8KV  TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/13.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 KV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV braeker, associated equipme
	22SP 22SP 22SP 22SP 22SP	WERE WERE WERE WERE WERE WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2 107.2 107.2 107.2 107.1	1 MIDLAND JUNCTION - PENTAGON 115KV CKT 1 - PENTAGON 115KV CKT 1 - PENTAGON 115KV CKT MIDLAND JUNCTION - PENTAGON 115KV CKT EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1	Auburn - Swissvale 345KV  Auburn - JEC 345KV  AUBURN ROAD (AUBRN77K) 345/115/13.8KV  TRANSFORMER CKT 1  NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER  CKT 11  latan - Jeffrey Energy Center 345 kV KACP	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV braeker, associated equipmer  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
	22SP 22SP 22SP 22SP 22SP 22SP	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2 107.2 107.2 107.2 107.1	1 MIDLAND JUNCTION - PENTAGON 115KV CKT MIDLAND JUNCTION - PENTAGON 115KV CKT MIDLAND JUNCTION - PENTAGON 115KV CKT EVANS ENERGY CENTER SOUTH- LAKERIDGE 138KV CKT 1	Auburn - Swissvale 345KV  Auburn - JEC 345KV  AUBURN ROAD (AUBRN77K) 345f115/13.8KV  TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/13.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 KV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV branker, associated equipme.  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at Goodyear (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.
	22SP 22SP 22SP 22SP 22SP 22SP 22SP	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2 107.2 107.2 107.2 107.1 107.1	1 MIDLAND JUNCTION - PENTAGON 115KV CKT MIDLAND JUNCTION - PENTAGON 115KV CKT MIDLAND JUNCTION - PENTAGON 115KV CKT EVANS ENERGY CENTER SOUTH- LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH- LAKERIDGE 158KV CKT 1	Auburn - Swissvale 345KV  Auburn - JEC 345KV  AUBURN ROAD (AUBRN77K) 345/115/13.8KV  TRANSFORMER CKT 1  NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV braeker, associated equipmer  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
	22SP 22SP 22SP 22SP 22SP 22SP 22SP 22SP	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2 107.2 107.2 107.2 107.1 107.1	1 MIDLAND JUNCTION - PENTAGON 115KV CKT MIDLAND JUNCTION - PENTAGON 115KV CKT MIDLAND JUNCTION - PENTAGON 115KV CKT EVANS ENERGY CENTER SOUTH- LAKERIDGE 138KV CKT 1	Auburn - Swissvale 345KV  Auburn - JEC 345KV  AUBURN ROAD (AUBRN77K) 345/115/13.8KV  TRANSFORMER CKT 1  NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 116kV buswork, one 115kV branker, associated equipmer  Rebuild the JEC - Hory 1345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at Use (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation  Build 56.8 miles of new 345 kV
	22SP 22SP 22SP 22SP 22SP 22SP 22SP 22SP	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2 107.2 107.2 107.2 107.1 107.1 107.1 107.1	1 MIDLAND JUNCTION - PENTAGON 115KV CKT MIDLAND JUNCTION - PENTAGON 115KV CKT MIDLAND JUNCTION - PENTAGON 115KV CKT EVANS ENERGY CENTER SOUTH- LAKERIDGE 138KV CKT 1	Auburn - Swissvale 345KV  Auburn - JEC 345KV  AUBURN ROAD (AUBRN77K) 345/115/13.8KV  TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/1/3.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE  Lacygne - Mariosa 345KV AMRN	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 116kV buswork, one 115kV branker, associated equipme  Rebuild the JEC - Hory 1345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation  Build 56.8 miles of new 345 kV
5 5 5 5	22SP 22SP 22SP 22SP 22SP 22SP 22SP 22SP	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2 107.2 107.2 107.2 107.1 107.1 107.1 107.1 107.1 107.1	1 MIDLAND JUNCTION - PENTAGON 115KV CKT EVANS ENERGY CENTER SOUTH- LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH- LAKERIDGE 158KV CKT 1	Auburn - Swissvale 345KV  Auburn - JEC 345KV  AUBURN ROAD (AUBRN77K) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/1/3.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE  Lacygne - Mariosa 345KV AMRN  Lacygne - Mariosa 345KV KACP  Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 116kV buswork, one 115kV branker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at USC (Station 1) substation will include removal of 345kV currier equipment and shield wire. Substation work at USC (Station 1) substation will include removal of 345kV currier equipment and installation of new fiber optic relay panels. Substation  Build 56.8 miles of new 345 kV  Indeterminate  Build approximately 181 miles of 345kV Lacygne - Mariosa
5 5 5 5 5	22SP 22SP 22SP 22SP 22SP 22SP 22SP 22SP	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2 107.2 107.2 107.2 107.1 107.1 107.1 107.1 107.1 107.1 107.1	1 MIDLAND JUNCTION - PENTAGON 115KV CKT 1 EVANS ENERGY CENTER SOUTH- LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH- LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH- LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH- LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH- LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH- LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH- LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH- LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH- LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH- LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH- LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH- LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH- LAKERIDGE 138KV CKT 1	Auburn - Swissvale 345KV  Auburn - JEC 345KV  AUBURN ROAD (AUBRN77K) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/13.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE  Lacygne - Mariosa 345KV AMRN  Lacygne - Mariosa 345KV KACP  Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 116kV buswork, one 115kV branker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at USC (Station 1) substation will include removal of 345kV currier equipment and installation of new fiber optic relay panels. Substation  Build 56.8 miles of new 345 kV  Indeterminate  Build approximately 181 miles of 345kV Lacygne - Mariosa  Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5 5 5 5 5	22SP 22SP 22SP 22SP 22SP 22SP 22SP 22SP	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2 107.2 107.2 107.2 107.1 107.1 107.1 107.1 107.1 107.1 107.1 107.1 107.1	1 MIDLAND JUNCTION - PENTAGON 115KV CKT MIDLAND JUNCTION - PENTAGON 115KV CKT MIDLAND JUNCTION - PENTAGON 115KV CKT EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1	Auburn - Swissvale 345KV  AUBURN ROAD (AUBRN7TX) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AMRN  Lacygne - Mariosa 345KV AMRN  Lacygne - Mariosa 345KV KACP  Auburn - Swissvale 345KV  Auburn - JEC 345KV  Auburn - JEC 345KV  AUBURN ROAD (AUBRN7TX) 345/115/13.8KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pote running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV breaker, associated equipme  (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation  Build 56.8 miles of new 345 kV  Indeterminate  Build approximately 181 miles of 345kV Lacygne - Marriosa  Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5 5 5 5 5	22SP 22SP 22SP 22SP 22SP 22SP 22SP 22SP	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2 107.2 107.2 107.2 107.1 107.1 107.1 107.1 107.1 107.1 107.1 107.1 107.1 107.1	1 MIDLAND JUNCTION - PENTAGON 115KV CKT EVANS ENERGY CENTER SOUTH- LAKERIDGE 138KV CKT 1	Auburn - Swissvale 345KV  Auburn - JEC 345KV  AUBURN ROAD (AUBRN77K) 345f115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE  Lacygne - Mariosa 345KV AMRN  Lacygne - Mariosa 345KV KACP  Auburn - Swissvale 345KV  Auburn - JEC 345KV  AUBURN ROAD (AUBRN77K) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV brasker, associated equipme  Rebuild the JEC - Hory 1345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation  Build 56.8 miles of new 345 kV  Indeterminate  Build approximately 181 miles of 345kV Lacygne - Mariosa  Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer
5 5 5 5 5	22SP 22SP 22SP 22SP 22SP 22SP 22SP 22SP	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2 107.2 107.2 107.2 107.1 107.1 107.1 107.1 107.1 107.1 107.1 107.1 107.1	MIDLAND JUNCTION - PENTAGON 115KV CKT EVANS ENERGY CENTER SOUTH- LAKERIDGE 138KV CKT 1  EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	Auburn - Swissvale 345KV  Auburn - JEC 345KV  AUBURN ROAD (AUBRN77K) 345K115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AMRN  Lacygne - Mariosa 345KV AMRN  Lacygne - Mariosa 345KV KACP  Auburn - Swissvale 345KV  AUBURN ROAD (AUBRN77K) 345/115/13.8KV  TRANSFORMER CKT 1  NASHUA (NASH 11) 345/1613.8KV TRANSFORMER	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipmer.  Rebuild the JEC - Hory 1345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels Substation  Build 56.8 miles of new 345 kV  Indeterminate  Build approximately 181 miles of 345kV Lacygne - Mariosa  Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
5 5 5 5 5	22SP 22SP 22SP 22SP 22SP 22SP 22SP 22SP	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2 107.2 107.2 107.2 107.1 107.1 107.1 107.1 107.1 107.1 107.1 107.1 107.1 107.1	1 MIDLAND JUNCTION - PENTAGON 115KV CKT EVANS ENERGY CENTER SOUTH- LAKERIDGE 138KV CKT 1	Auburn - Swissvale 345KV  Auburn - JEC 345KV  AUBURN ROAD (AUBRN77K) 345f115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE  Lacygne - Mariosa 345KV AMRN  Lacygne - Mariosa 345KV KACP  Auburn - Swissvale 345KV  Auburn - JEC 345KV  AUBURN ROAD (AUBRN77K) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipmer.  Rebuild the JEC - Hory 1345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels Substation  Build 56.8 miles of new 345 kV  Indeterminate  Build approximately 181 miles of 345kV Lacygne - Mariosa  Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipmer
5 5 5 5 5 5 5 5 5	22SP 22SP 22SP 22SP 22SP 22SP 22SP 22SP	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2 107.2 107.2 107.2 107.1 107.1 107.1 107.1 107.1 107.1 107.1 107.1 107.1 107.1 107.1 107.1 107.1	1 MIDLAND JUNCTION - PENTAGON 115KV CKT MIDLAND JUNCTION - PENTAGON 115KV CKT MIDLAND JUNCTION - PENTAGON 115KV CKT EVANS ENERGY CENTER SOUTH- LAKERIDGE 138KV CKT 1  EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1  EUDORA TOWNSHIP - WAKARUSA JUNCTION	Auburn - Swissvale 345KV  Auburn - JEC 345KV  AUBURN ROAD (AUBRN77K) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE  Lacygne - Mariosa 345KV AMRN  Lacygne - Mariosa 345KV AACP  Auburn - Swissvale 345KV  AUBURN ROAD (AUBRN77K) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/11/13.8KV TRANSFORMER CKT 11  Iatan - Jeffrey Energy Center 345 kV KACP	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation  Build 56.8 miles of new 345 kV  Indeterminate  Build approximately 161 miles of 345kV Lacygne - Mariosa  Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one
5 5 5 5 5 5 5 5 5 5	22SP 22SP 22SP 22SP 22SP 22SP 22SP 22SP	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2 107.2 107.2 107.2 107.1 107.1 107.1 107.1 107.1 107.1 107.1 107.1 107.1 107.1 107.1 107.1	MIDLAND JUNCTION - PENTAGON 115KV CKT EVANS ENERGY CENTER SOUTH- LAKERIDGE 138KV CKT 1  EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1  EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	Auburn - Swissvale 345KV  Auburn - JEC 345KV  AUBURN ROAD (AUBRN77K) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 KV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  latan - Jeffrey Energy Center 345 KV WERE  Lacygne - Mariosa 345KV AMRN  Lacygne - Mariosa 345KV KACP  Auburn - Swissvale 345KV  Auburn - Swissvale 345KV  AUBURN ROAD (AUBRN77K) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 1  latan - Jeffrey Energy Center 345 KV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipmer.  Rebuild the JEC - Hory 1345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels Substation.  Build 56.8 miles of new 345 kV  Indeterminate  Build approximately 181 miles of 345kV Lacygne - Mariosa  Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipmer.
5 5 5 5 5 5 5 5 5	22SP 22SP 22SP 22SP 22SP 22SP 22SP 22SP	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.2 107.2 107.2 107.2 107.1 107.1 107.1 107.1 107.1 107.1 107.1 107.1 107.1 107.1 107.1 107.1 107.1 107.0	1 MIDLAND JUNCTION - PENTAGON 115KV CKT MIDLAND JUNCTION - PENTAGON 115KV CKT MIDLAND JUNCTION - PENTAGON 115KV CKT EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1  EVANS ENERGY CENTER SOUTH - LAKERIDGE 138KV CKT 1  EVANS ENERGY SENTER SOUTH - LAKERIDGE 138KV CKT 1  EVANS ENERGY SENTER SOUTH - LAKERIDGE 138KV CKT 1  EVANS ENERGY SENTER SOUTH - LAKERIDGE 138KV CKT 1  EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1  EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1  EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1  EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	Auburn - Swissvale 345KV  Auburn - JEC 345KV  AUBURN ROAD (AUBRN77K) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/1/3.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE  Lacygne - Mariosa 345KV AMRN  Lacygne - Mariosa 345KV AMCP  Auburn - Swissvale 345KV  AUBURN ROAD (AUBRN77K) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/173.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Sation 1) substation will include 115kV buswork, one 115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment as a single circuit 345kV index and substation work at JE (Station 1) substation will include 115kV buswork, one 145kV Transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at Goodyear (Station 1) substation of new fiber optic relay panels. Substation on conductor, poles, and shield wire. Substation work at JEC (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.

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5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.0	EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.0	EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
	2201	WEIKE	WEIKE	HOTT-SETTINET ENERGY GENTER STORY ORT	107.0		Aubum - Gwissvale G-Grev	Reduit the 14.5 fille Addult - Owissvale 250kV lifte as a single circuit 340kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.0	EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.0	EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	107.0	EUDORA TOWNSHIP - WAKARUSA JUNCTION SWITCHING STATION 115KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
						ABILENE ENERGY CENTER 115/34.5KV		
5	22SP 22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.9	TRANSFORMER CKT 1  ABILENE ENERGY CENTER 115/34.5KV TRANSFORMER CKT 1	latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 11925 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.9	ABILENE ENERGY CENTER 115/34.5KV TRANSFORMER CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5						ABILENE ENERGY CENTER 115/34.5KV		
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.9	TRANSFORMER CKT 1 ABILENE ENERGY CENTER 115/34.5KV	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.9	TRANSFORMER CKT 1 ABILENE ENERGY CENTER 115/34.5KV	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.9	TRANSFORMER CKT 1 ABILENE ENERGY CENTER 115/34.5KV	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.9	TRANSFORMER CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.9	ABILENE ENERGY CENTER 115/34.5KV TRANSFORMER CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.9	ABILENE ENERGY CENTER 115/34.5KV TRANSFORMER CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
-	22SP	WERE	WERE		106.9	ABILENE ENERGY CENTER 115/34.5KV	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.9	TRANSFORMER CKT 1 BASE CASE	CKT 11 latan - Jeffrey Energy Center 345 kV KACP	Add 345/161kV Transformer Build 14.2 miles of new 345 kV
								Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.6	BASE CASE	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
								(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.
5	22SP 22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.6 106.6	BASE CASE BASE CASE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 latan - Jeffrey Energy Center 345 kV WERE	Substation Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.6	BASE CASE	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP 22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.6 106.6	BASE CASE BASE CASE	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5 5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.6	BASE CASE BASE CASE	Auburn - Swissvale 345KV Auburn - JEC 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
							AUBURN ROAD (AUBRN77X) 345/115/13.8KV	
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.6	BASE CASE	TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.6	BASE CASE EVANS ENERGY CENTER NORTH -	CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
v	LEGI	WEIKE	WEIKE	TIOT CENTRE ENERGY GENT ENGLISH GROWN GROWN	100.1	EVANS ENERGY CENTER NORTH -	idian somey Energy some one its rater	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	EVANS ENERGY CENTER NORTH - SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
						EVANS ENERGY CENTER NORTH - SEDGWICK COUNTY NO. 12 COLWICH 138KV		
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	CKT 1 EVANS ENERGY CENTER NORTH -	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
	0000	WEDE	WESS	HOVE HEEFDEY ENERGY OF THE CARRY COME	400.4	EVANS ENERGY CENTER NORTH - SEDGWICK COUNTY NO. 12 COLWICH 138KV	Lawrence Marine Control (MCC)	Doild accoming to be 404 mile.
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	CKT 1 EVANS ENERGY CENTER NORTH -	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1 EVANS ENERGY CENTER NORTH -	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
ŭ			,	J. J		EVANS ENERGY CENTER NORTH - SEDGWICK COUNTY NO. 12 COLWICH 138KV	AUBURN ROAD (AUBRN77X) 345/115/13.8KV	LOUIS HID GO G VINGO GIOGE OTORS
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	CKT 1 EVANS ENERGY CENTER NORTH -	TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	SEDGWICK COUNTY NO. 12 COLWICH 138KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	TECUMSEH ENERGY CENTER - TECUMSEH HILL 115KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	TECUMSEH ENERGY CENTER - TECUMSEH HILL 115KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV brasker, associated equipme
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	TECUMSEH ENERGY CENTER - TECUMSEH HILL 115KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
-		WERE	WERE		106.1	TECUMSEH ENERGY CENTER - TECUMSEH HILL 115KV CKT 1		Build 56.8 miles of new 345 kV
5	22SP			HOYT - JEFFREY ENERGY CENTER 345KV CKT 1		TECUMSEH ENERGY CENTER - TECUMSEH	latan - Jeffrey Energy Center 345 kV WERE	
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	HILL 115KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate

5						TECUMSEH ENERGY CENTER - TECUMSEH		
-	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	HILL 115KV CKT 1 TECUMSEH ENERGY CENTER - TECUMSEH	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	HILL 115KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
_	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	TECUMSEH ENERGY CENTER - TECUMSEH HILL 115KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
- 5	223P				106.1	TECUMSEH ENERGY CENTER - TECUMSEH	AUBURN ROAD (AUBRN77X) 345/115/13.8KV	Rebuild the 29.6 mile JEC - Aubum 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	HILL 115KV CKT 1	TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	TECUMSEH ENERGY CENTER - TECUMSEH HILL 115KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
						STRANGER CREEK (STRANGER 1X)		
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	345/115/14.4KV TRANSFORMER CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-oo
						STRANGER CREEK (STRANGER 1X)		running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, or
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	345/115/14.4KV TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	115kV breaker, associated equipme
						STRANGER CREEK (STRANGER 1X)		Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pane
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	345/115/14.4KV TRANSFORMER CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Substation
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	STRANGER CREEK (STRANGER 1X) 345/115/14.4KV TRANSFORMER CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WFRF	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	STRANGER CREEK (STRANGER 1X) 345/115/14 4KV TRANSFORMER CKT 1	, ,,	
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	STRANGER CREEK (STRANGER 1X)	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	345/115/14.4KV TRANSFORMER CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	STRANGER CREEK (STRANGER 1X) 345/115/14.4KV TRANSFORMER CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
<u> </u>						STRANGER CREEK (STRANGER 1X)		
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	345/115/14.4KV TRANSFORMER CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	STRANGER CREEK (STRANGER 1X) 345/115/14.4KV TRANSFORMER CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
-						STRANGER CREEK (STRANGER 1X)	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	
5	22SP 22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1 106.1	345/115/14.4KV TRANSFORMER CKT 1 WEBRE - WELLS 500KV CKT 1	CKT 11 latan - Jeffrey Energy Center 345 kV KACP	Add 345/161kV Transformer Build 14.2 miles of new 345 kV
	2201	WEINE	WEINE	1011 VETTRET ENERGY GENTER SASKY ORT I	100.1	WEDNE - WELEG GOOK ON I	Main - Joilley Energy Contol 545 KV RACE	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-po
5	0000	WEDE	WEDE	LIOVE IEEEDEV ENEDOV CENTED SARKV OVE A	106.1	WEDDE WELLS FOOK OKT 4	COODYEAR HINOTION INDIANUILLE 44510/ OVT 4	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, o
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	100.1	WEBRE - WELLS 500KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at
								(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pan
5	22SP 22SP		WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1 106.1	WEBRE - WELLS 500KV CKT 1 WEBRE - WELLS 500KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 latan - Jeffrey Energy Center 345 kV WERE	Substation Build 56.8 miles of new 345 kV
5	22SP		WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	WEBRE - WELLS 500KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP		WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1 106.1	WEBRE - WELLS 500KV CKT 1 WEBRE - WELLS 500KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP 22SP		WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	WEBRE - WELLS 500KV CKT 1	Auburn - Swissvale 345KV Auburn - JEC 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
_							AUBURN ROAD (AUBRN77X) 345/115/13.8KV	
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	WEBRE - WELLS 500KV CKT 1	TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	WEBRE - WELLS 500KV CKT 1	CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	MCCREDIE - THOMAS HILL 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-po
								running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, or
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	MCCREDIE - THOMAS HILL 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at
								(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pan
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	MCCREDIE - THOMAS HILL 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Substation
5	22SP 22SP	WERE		HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1 106.1	MCCREDIE - THOMAS HILL 345KV CKT 1 MCCREDIE - THOMAS HILL 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AMRN	Build 56.8 miles of new 345 kV Indeterminate
5	22SP	WERE		HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	MCCREDIE - THOMAS HILL 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5			WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1 106.1	MCCREDIE - THOMAS HILL 345KV CKT 1	Auburn - Swissvale 345KV Auburn - JEC 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1		MCCREDIE - THOMAS HILL 345KV CKT 1		
5	22SP 22SP	WERE		HOYT - JEFFREY ENERGY CENTER 345KV CKT 1		MCCREDIE - THOMAS HILL 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5 5	22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	MCCREDIE - THOMAS HILL 345KV CKT 1  MCCREDIE - THOMAS HILL 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	
	22SP 22SP 22SP	WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1		MCCREDIE - THOMAS HILL 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer
	22SP 22SP	WERE WERE		HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1		AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV
5	22SP 22SP 22SP 22SP	WERE WERE WERE	WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	MCCREDIE - THOMAS HILL 345KV CKT 1  MCCREDIE - THOMAS HILL 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with builded 1192.5 ACSR and wood H-trame tangent structures and Steel 3-pc
5	22SP 22SP 22SP 22SP	WERE WERE WERE	WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1	MCCREDIE - THOMAS HILL 345KV CKT 1  MCCREDIE - THOMAS HILL 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pc running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, or 115kV brasker, associated equipme
5	22SP 22SP 22SP 22SP 22SP 22SP	WERE WERE WERE WERE	WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1 106.1 105.6	MCCREDIE - THOMAS HILL 345KV CKT 1  MCCREDIE - THOMAS HILL 345KV CKT 1  BENTON - WOLF CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8kV TRANSPORMER CKT 1 NASHUA (NASH 11) 345/161/13.8kV TRANSFORMER CKT 11 latan - Jeffrey Energy Center 345 kV KACP	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 346 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pc running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, of 115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new comductor, poles, and shield wire. Substation work at
5	22SP 22SP 22SP 22SP 22SP 22SP	WERE WERE WERE WERE WERE WERE	WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1 106.1 105.6 105.6	MCCREDIE - THOMAS HILL 345KV CKT 1  MCCREDIE - THOMAS HILL 345KV CKT 1  BENTON - WOLF CREEK 345KV CKT 1  BENTON - WOLF CREEK 345KV CKT 1  BENTON - WOLF CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8kV TRANSFORMER CKT 1 NASHUA (NASH 11) 345/16/1/3.8kV TRANSFORMER CKT 11 latan - Jeffrey Energy Center 345 kV KACP GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1 HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with builded 1192.5 ACSR and wood H-trame tangent structures and Steel 3-pr running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, o  115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pan Substation Substation
5	22SP 22SP 22SP 22SP 22SP 22SP 22SP	WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1 106.1 105.6 105.6	MCCREDIE - THOMAS HILL 345KV CKT 1  MCCREDIE - THOMAS HILL 345KV CKT 1  BENTON - WOLF CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11 latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345 kV WERE	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pc running angle and deadends. Substation work at Goodybear (Station 1) substation will include 115kV buswork, or 115kV bracker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pan Substation will substation will be substation will solve the substation will solve the substation of the will be substation will solve the substation of the will be substation will solve the substation of the will be substation will solve the substation wi
5 5 5 5	22SP 22SP 22SP 22SP 22SP 22SP	WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1 106.1 105.6 105.6	MCCREDIE - THOMAS HILL 345KV CKT 1  MCCREDIE - THOMAS HILL 345KV CKT 1  BENTON - WOLF CREEK 345KV CKT 1  BENTON - WOLF CREEK 345KV CKT 1  BENTON - WOLF CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/1/13.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV WERE Lacygne - Mariosa 345KV AWRN	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-trame tangent structures and Steel 3-pc running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, or 115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pan Substation  Build 58.8 miles of new 345 kV Indeterminate
5 5 5 5 5 5 5 5 5	22SP 22SP 22SP 22SP 22SP 22SP 22SP 22SP	WERE WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1 106.1 105.6 105.6 105.6 105.6 105.6 105.6 105.6	MCCREDIE - THOMAS HILL 345KV CKT 1  MCCREDIE - THOMAS HILL 345KV CKT 1  BENTON - WOLF CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/1/3.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AMRN  Lacygne - Mariosa 345KV AKCP  Auburn - Swissaviae 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-trame tangent structures and Steel 3-pc running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, or 115kV brasker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pan Substation  Build 56.8 miles of new 345 kV Indeterminate  Build approximately 181 miles of 345kV Lacygne - Mariosa  Rebuild the 14.9 mile Auburn - Swissvale 236kV line as a single circuit 346kV
5 5 5 5 5 5 5	22SP 22SP 22SP 22SP 22SP 22SP 22SP 22SP	WERE WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1 106.1 105.6 105.6 105.6 105.6 105.6 105.6	MCCREDIE - THOMAS HILL 345KV CKT 1  MCCREDIE - THOMAS HILL 345KV CKT 1  BENTON - WOLF CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/119/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11  Iatan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV KACP Auburn - Swissvale 345KV Auburn - Swissvale 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pr (running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, or 115kV brasker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pan Substation  Build 56.8 miles of new 345 kV Indeterminate  Build approximately 181 miles of 345kV Lacygne - Mariosa
5 5 5 5 5 5 5 5	22SP 22SP 22SP 22SP 22SP 22SP 22SP 22SP	WERE WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1 106.1 105.6 105.6 105.6 105.6 105.6 105.6 105.6	MCCREDIE - THOMAS HILL 345KV CKT 1  MCCREDIE - THOMAS HILL 345KV CKT 1  BENTON - WOLF CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/1/3.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV KACP Auburn - Swissvale 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345'161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-trame tangent structures and Steel 3-pc running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, o 115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pan Substation  Build 56.8 miles of new 345 kV index and installation of new fiber optic relay pan 10determinate  Build approximately 181 miles of 345kV Lacygne - Mariosa  Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5 5 5 5 5 5 5 5	22SP 22SP 22SP 22SP 22SP 22SP 22SP 22SP	WERE WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1 106.1 105.6 105.6 105.6 105.6 105.6 105.6 105.6 105.6 105.6	MCCREDIE - THOMAS HILL 345KV CKT 1  MCCREDIE - THOMAS HILL 345KV CKT 1  BENTON - WOLF CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/1/3.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1.  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1.  latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV AKCP Auburn - SWSSAWS 345KV AUBURN ROAD (AUBRN7X) 345/115/13.8KV TRANSFORMER CKT 1.  NASHAU (NASH 11) 345/16/13.8KV TRANSFORMER	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pc running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, or 115kV brasker, associated equipme  Rebuild the JEC - Hory 4345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pan Substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pan Substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pan Substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pan Substation will include removal of 345kV Lacygne - Mariosa  Rebuild the 14.9 mile Auburn - Swissvile 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer
5 5 5 5 5 5 5 5	22SP 22SP 22SP 22SP 22SP 22SP 22SP 22SP	WERE WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1 106.1 105.6 105.6 105.6 105.6 105.6 105.6 105.6 105.6	MCCREDIE - THOMAS HILL 345KV CKT 1  MCCREDIE - THOMAS HILL 345KV CKT 1  BENTON - WOLF CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE  Lacygne - Mariosa 345KV AMRN  Lacygne - Mariosa 345KV AKCP  Auburn - Swissvale 345KV  AUBURN ROAD (AUBRN77X) 345/16/13.8KV  TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/1/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/1/13.8KV TRANSFORMER	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundied 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pc running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, or 115kV breaker, associated equipme  Rebuild the JEC - Hory 1345kV line as a single circuit with new conductor, poles, and shield wire. Substation vork at (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pan Substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pan Substation  Build 58.8 miles of new 345 kV indeterminate  Build approximately 181 miles of 345kV Lacygne - Mariosa  Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebild 429.6 mile EC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer
5 5 5 5 5 5 5 5 5 5 5	22SP 22SP 22SP 22SP 22SP 22SP 22SP 22SP	WERE WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1 106.1 105.6 105.6 105.6 105.6 105.6 105.6 105.6 105.6 105.6	MCCREDIE - THOMAS HILL 345KV CKT 1  MCCREDIE - THOMAS HILL 345KV CKT 1  BENTON - WOLF CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/1/3.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1.  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1.  latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV AKCP Auburn - SWSSAWS 345KV AUBURN ROAD (AUBRN7X) 345/115/13.8KV TRANSFORMER CKT 1.  NASHAU (NASH 11) 345/16/13.8KV TRANSFORMER	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-po running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, or 115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pans (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pans (Station 1) substation will include removal of 345kV arrier equipment and installation of new fiber optic relay pans (Station 1) substation will include removal of 345kV lacygne - Mariosa  Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile EC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-po
5 5 5 5 5 5 5 5 5 5 5	22SP 22SP 22SP 22SP 22SP 22SP 22SP 22SP	WERE WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1 106.1 105.6 105.6 105.6 105.6 105.6 105.6 105.6 105.6	MCCREDIE - THOMAS HILL 345KV CKT 1  MCCREDIE - THOMAS HILL 345KV CKT 1  BENTON - WOLF CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE  Lacygne - Mariosa 345KV AMRN  Lacygne - Mariosa 345KV AKCP  Auburn - Swissvale 345KV  AUBURN ROAD (AUBRN77X) 345/16/13.8KV  TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/1/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/1/13.8KV TRANSFORMER	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-po running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, or 115kV brasker, associated equipme  Rebuild the JEC - Horyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pant substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pant substation.  Build 58.8 miles of new 345 kV  Indeterminate  Build approximately 181 miles of 345kV Lacygne - Mariosa  Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 23.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-po running angle and deadends. Substation work at Goodyaer (Station 1) substation will include 115kV buswork, or
5 5 5 5 5 5 5 5 5 5 5	22SP 22SP 22SP 22SP 22SP 22SP 22SP 22SP	WERE WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1 106.1 105.6 105.6 105.6 105.6 105.6 105.6 105.6 105.6 105.6 105.6	MCCREDIE - THOMAS HILL 345KV CKT 1  MCCREDIE - THOMAS HILL 345KV CKT 1  BENTON - WOLF CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/1/3.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV AKCP Auburn - JWES 345KV AUBURN ROAD (AUBRN7X) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/113.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundied 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pc running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, or 115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation vowf at (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pan 345kV and substation will include removal of 345kV and substation will substation will substation build 56.8 miles of new 345 kV indeterminate  Build 58.6 miles of new 345 kV Lacygne - Mariosa  Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 11.25 miles 115 kV line with bundied 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pc running angle and deadends. Substation work at Goodydear (Station 1) substation will include 115kV buswork, or 115kV brasker, associated equipme
5 5 5 5 5 5 5 5 5 5 5	22SP 22SP 22SP 22SP 22SP 22SP 22SP 22SP	WERE WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1 106.1 105.6 105.6 105.6 105.6 105.6 105.6 105.6 105.6 105.6 105.6 105.6	MCCREDIE - THOMAS HILL 345KV CKT 1  MCCREDIE - THOMAS HILL 345KV CKT 1  BENTON - WOLF CREEK 345KV CKT 1  ROSE HILL - WOLF CREEK 345KV CKT 1  ROSE HILL - WOLF CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/1/3.8KV TRANSFORMER CKT 11  Iatan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  Iatan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AMRN  Lacygne - Mariosa 345KV AMRN  Lacygne - Mariosa 345KV AKCP  Auburn - JUEC 345KV  AUBURN ROAD (AUBRN7X) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/11/3.8KV TRANSFORMER CKT 1  Iatan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pc running angle and deadends. Substation work at Goodypar (Station 1) substation will include 115kV buswork, or 115kV braswork, or 115kV bras
5 5 5 5 5 5 5 5 5 5 5	22SP 22SP 22SP 22SP 22SP 22SP 22SP 22SP	WERE WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1 106.1 105.6 105.6 105.6 105.6 105.6 105.6 105.6 105.6 105.6 105.6 105.6 105.6 105.6	MCCREDIE - THOMAS HILL 345KV CKT 1  MCCREDIE - THOMAS HILL 345KV CKT 1  BENTON - WOLF CREEK 345KV CKT 1  ROSE HILL - WOLF CREEK 345KV CKT 1  ROSE HILL - WOLF CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/1/13.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1.  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV AKCP Auburn - JEG 345KV AUBURN ROAD (AUBRN7X) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/61713.8KV TRANSFORMER CKT 11  Iatan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-po running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, or 115kV breaker, associated equipme  Rebuild the JEC - Hory 4345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pand Substation 1 substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pand Substation 1 substation will include removal of 345kV Lacygne - Mariosa  Rebuild the 149 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Add 345/161kV Transformer  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-po running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, or 115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pand Substation work at (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pand Substation work at (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pand Substation work at (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pand Substation work at (Stati
5 5 5 5 5 5 5 5 5 5 5 5	22SP 22SP 22SP 22SP 22SP 22SP 22SP 22SP	WERE WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1 106.1 105.6 105.6 105.6 105.6 105.6 105.6 105.6 105.6 105.6 105.5 105.5 105.5	MCCREDIE - THOMAS HILL 345KV CKT 1  MCCREDIE - THOMAS HILL 345KV CKT 1  BENTON - WOLF CREEK 345KV CKT 1  ROSE HILL - WOLF CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/11/3.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1.  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV AMRN Auburn - JWES 345KV AUBURN AUGURN - JEC 345KV AUBURN ROAD (AUBRN7X) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/1173.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AMRN	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-po running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, or 115kV brasker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pand Substation will include removal of 345kV acrier equipment and installation of new fiber optic relay pand Substation will approximately 181 miles of 345kV Lacygne - Mariosa  Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV Rebuild 11.25 miles of new 345 kV  Replace 400MVA transformer  Build 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-trame tangent structures and Steel 3-po running angle and deadends. Substation work at Goodyser (Station 1) substation will include 115kV buswork, or 115kV brasker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at Goodyser (Station 1) substation of new fiber optic relay pand Substation work at Goodyser (Station 1) substation of new fiber optic relay pand Substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pand Lindeterminates.
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	22SP 22SP 22SP 22SP 22SP 22SP 22SP 22SP	WERE WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1 106.1 105.6 105.6 105.6 105.6 105.6 105.6 105.6 105.6 105.6 105.5 105.5 105.5	MCCREDIE - THOMAS HILL 345KV CKT 1  MCCREDIE - THOMAS HILL 345KV CKT 1  BENTON - WOLF CREEK 345KV CKT 1  ROSE HILL - WOLF CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/1/3.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345kV WARN  Lacygne - Mariosa 345kV WARN  Lacygne - Mariosa 345kV WARN  AUBURN ROAD (AUBRN7X) 345/115/13/3kV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/13/3kV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115kV CKT 1  HOYT - JEFFREY ENERGY CENTER 345kV CKT 1  latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345kV AMRN  Lacygne - Mariosa 345kV AMRN	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 1.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and vood H-trame tangent structures and Steel 3-por running angle and deadends. Substation vok at Goodyear (Station 1) substation will include 115kV buswork, or 115kV breaker, associated equipme.  Rebuild the JEC - Hory 436kV line as single circuit with new conductor, poles, and shield wire. Substation work at (Station 1) substation will include removal of 346kV carrier equipment and installation of new fiber optic relay pane Substation will include removal of 346kV carrier equipment and installation of new fiber optic relay pane Substation.  Build 56.8 miles of new 345 kV  Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile 126 - Auburn 236kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-por running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, or 115kV breaker, associated equipme  Rebuild the JEC - Hory 145kV line as a single circuit with new conductor, poles, and shield wire. Substation work at (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pane (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pane (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pane (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pane (Station 1) substation will include removal of 365kV carrier equipment and installation of new fiber optic relay pane (Station 1) substation will include
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	22SP 22SP 22SP 22SP 22SP 22SP 22SP 22SP	WERE WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1 106.1 105.6 105.6 105.6 105.6 105.6 105.6 105.6 105.6 105.6 105.5 105.5 105.5	MCCREDIE - THOMAS HILL 345KV CKT 1  MCCREDIE - THOMAS HILL 345KV CKT 1  BENTON - WOLF CREEK 345KV CKT 1  ROSE HILL - WOLF CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/11/3.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1.  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV AMRN Auburn - JWES 345KV AUBURN AUGURN - JEC 345KV AUBURN ROAD (AUBRN7X) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/1173.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AMRN	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pol running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, on 115kV breaker, associated equipme  Rebuild the JEC - Hory 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pane Substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pane Substation will be substation will include 115kV buswork, on 15kV reaker, associated equipment and installation of new fiber optic relay pane Substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pane Substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pane Substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pane Substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pane Substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pane Substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pane Substation will include removal of 345kV carrier equipment and installa
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	22SP 22SP 22SP 22SP 22SP 22SP 22SP 22SP	WERE WERE WERE WERE WERE WERE WERE WERE	WERE WERE WERE WERE WERE WERE WERE WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	106.1 106.1 105.6 105.6 105.6 105.6 105.6 105.6 106.6 106.6 106.6 106.5 106.5 106.5 106.5 106.5	MCCREDIE - THOMAS HILL 345KV CKT 1  MCCREDIE - THOMAS HILL 345KV CKT 1  BENTON - WOLF CREEK 345KV CKT 1  ROSE HILL - WOLF CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/16/13.8KV TRANSFORMER CKT 1  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1.  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV AMRN Auburn - JECS 345KV AUBURN ROAD (AUBNYTX) 345/115/13.8KV TRANSFORMER CKT 1  NASHUA (NASH 11) 345/116/13.8KV TRANSFORMER CKT 11  latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1  HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV KACP Auburn - Swissaksia 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-poi running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, on 115kV breaker, associated equipme  Rebuild the JEC - Hory 1345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pane Substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pane Substation will approximately 181 miles of 345kV Lacygne - Mariosa  Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV ine as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer  Add 345/161kV Transformer  Build 14.2 miles of new 345 kV  Rebuild the 15.5 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-poi running angle and deadends. Substation work at Goodyser (Station 1) substation will include 115kV buswork, on 115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at Goodyser (Station 1) substation will include renoval of 345kV carrier equipment and installation of new fiber optic relay pane Substation work at Goodyser (Station 1) substation will include renoval of 345kV carrier equipment and installation of new fiber optic relay pane Substation work as a single circuit with new conductor, poles, and shield wire. Substation work at substation will include renoval of 345kV carrier equipment and installation of new fiber optic relay pane Substation will include renoval of 345kV carrier equipment and installation of new f

S	
S.   288   WRIE   WRI	Add 345/161kV Transformer
	ACP Build 14.2 miles of new 345 kV
S	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pol running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, on KV CKT 1
S	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at (Station 1) substation will include removal of 345kV tarrier equipment and installation of new fiber optic relay pane V CKT 1
5   2229   WERE   WERE   HOYTFEFFEY ENERGY CENTER 366W COTT   1047   LACYONE - NEGGES 36W COTT   LAGGES - MERCOS 36W COTT   L	
S 255   WERE WERE   HOYT - SPERRY DERGY CENTER 346W COTT   1047   LACYGNE - NEOBRO 346W CAT   Lacygne - Marious 346W MACP	Indeterminate
5   2259   WERE   WERE   HOYT-JEFFEY ENROY CONTEX SANY COT 1   1047   LACYONE - NEGBOS SANY COT 1   August - Sanovale SANY	Build approximately 181 miles of 345kV Lacygne - Mariosa
S 2259   WERE   WERE   HOYT - JEFFERY ENERGY CENTER 346W COT 1   104.7	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
6	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
S   225P   WERE   WERE   WOYT _ JEFFREY ENERGY CENTER 3458V CRT   104.7   10	
S	FORMER Add 345/161kV Transformer
S	
175P   WERE   WERE   LAWRENCE HILL (LAWH-29/) 220/119/13/8V   12.1   MIDLAND JUNCTION (MIDL/26X)   200/119/18/0V FRANSFORMER OCT   1   200/119/18/0V FRANSFORMER OCT   2	ACP Build 14.2 miles of new 345 kV
S	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pol
5	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, on iKV CKT 1 115kV breaker, associated equipme
5	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at
S	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pane V CKT 1
175P   WERE   WERE   LAWRENCE HILL (LAWH-120X) 220/115/13/8/V   112.1   MIDLAND JUNCTION (MIDLAND)   Lacygne - Mariosa 345/V AMRN   MARIO JUNCTION MIDLAND JU	
S	Indeterminate
17SP   WERE   WERE   LAWRENCE HILL (LAWREL208) 230/115/13.86V   TRANSFORMER (CKT   Aubum - Swissorate 345KV   112.1   200/115/13.86V   MIDLAND JUNCTION (MIDL/20K)   Aubum - 15/20.45KV   112.1   200/115/13.86V   MIDLAND JUNCTION (MIDL/20K)   Aubum - 15/20.45KV   MIDLAND JUNCTION (MIDL/20K)   Aubum - 15/20.15KV   MIDLAND JUNCTION (MIDL/20K)   MID	Build approximately 181 miles of 345kV Lacygne - Mariosa
175P   WERE   WERE   LAWRENCE HILL (LAWHL29X) 230/15/13.8KV   112.1   230/15/16/16/16/16/16/16/16/16/16/16/16/16/16/	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
S	Rebuild the 14.3 mile Audum - Swissvale 230kV line as a single circuit 345kV
S	3.8KV
LAWRENCE HILL (LAWHL23X) 230/115/13.8KV   TRANSFORMER CKT 1   112.1   LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1   112.1   LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1   MODERN CHILL - MIDLAND JUNCTION 230KV CKT 1   MODERN CHILL - MIDLAND JUNCTION MIDLAND JUNCTIO	
178P   WERE   WERE   LAWRENCE HILL (LAWH-L29X) 230/115/13.8KV   TRANSFORMER CKT 1   112.1   LAWRENCE HILL - MIDLAND JUNCTION 230KV   KT   178P   WERE   WERE   LAWRENCE HILL (LAWH-L29X) 230/115/13.8KV   TRANSFORMER CKT 1   112.1   LAWRENCE HILL - MIDLAND JUNCTION 230KV   KT   178P   WERE   LAWRENCE HILL (LAWH-L29X) 230/115/13.8KV   LAWRENCE HILL - MIDLAND JUNCTION 230KV   KT   178P   WERE   LAWRENCE HILL (LAWH-L29X) 230/115/13.8KV   LAWRENCE HILL - MIDLAND JUNCTION 230KV   Lacygne - Mariosa 345KV AMRN   LAWRENCE HILL - MIDLAND JUNCTION 230KV   Lacygne - Mariosa 345KV AMRN   LAWRENCE HILL - MIDLAND JUNCTION 230KV   Lacygne - Mariosa 345KV AMRN   LAWRENCE HILL - MIDLAND JUNCTION 230KV   Lacygne - Mariosa 345KV AMRN   LAWRENCE HILL - MIDLAND JUNCTION 230KV   Lacygne - Mariosa 345KV ACP   LAWRENCE HILL - MIDLAND JUNCTION 230KV   Lacygne - Mariosa 345KV ACP   LAWRENCE HILL - MIDLAND JUNCTION 230KV   Lacygne - Mariosa 345KV ACP   LAWRENCE HILL - MIDLAND JUNCTION 230KV   Lacygne - Mariosa 345KV ACP   LAWRENCE HILL - MIDLAND JUNCTION 230KV   Lacygne - Mariosa 345KV ACP   LAWRENCE HILL - MIDLAND JUNCTION 230KV   Lacygne - Mariosa 345KV ACP   LAWRENCE HILL - MIDLAND JUNCTION 230KV   Lacygne - Mariosa 345KV ACP   LAWRENCE HILL - MIDLAND JUNCTION 230KV   Lacygne - Mariosa 345KV ACP   LAWRENCE HILL - MIDLAND JUNCTION 230KV   Lacygne - Mariosa 345KV ACP   LAWRENCE HILL - MIDLAND JUNCTION 230KV   Lacygne - Mariosa 345KV ACP   LAWRENCE HILL - MIDLAND JUNCTION 230KV   Lacygne - Mariosa 345KV ACP   LAWRENCE HILL - MIDLAND JUNCTION 230KV   Lacygne - Mariosa 345KV ACP   LAWRENCE HILL - MIDLAND JUNCTION 230KV   Lacygne - Mariosa 345KV ACP   LAWRENCE HILL - MIDLAND JUNCTION 230KV   Lacygne - Mariosa 345KV ACP   LAWRENCE HILL - MIDLAND JUNCTION MIDLAND JUNCTION 230KV   Lacygne - Mariosa 345KV ACP   LAWRENCE HILL - MIDLAND JUNCTION MIDLAND JUNCTION MIDLAND JUNCTION MIDLAND JUNCTION MIDLAND JUNCTION MIDLAND JUNCTI	Add 345/161kV Transformer
175P	ACP Build 14.2 miles of new 345 kV Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pol
175	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, on
175	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pane
175	ERE Build 56.8 miles of new 345 kV
175	Indeterminate
1759	Build approximately 181 miles of 345kV Lacygne - Mariosa
175	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
1759	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
LAWRENCE HILL (LAWH-L29X) 230/115/13.8KV   MIDLAND JUNCTION (MIDJ-126X)   Lacygne - Mariosa 345KV AARN   LAWRENCE HILL (LAWH-L29X) 230/115/13.8KV   MIDLAND JUNCTION (MIDJ-126X)   Lacygne - Mariosa 345KV AARN   MIDLAND JUNCTION (MIDJ-126X)   MIDLAND	3.8KV Replace 400MVA transformer with 560MVA transformer
S	FORMER Add 345/161kV Transformer
113.8   230/115/18.0KV TRANSFORMER CKT 1   114   115/18	
113.8   230/115/18.0KV TRANSFORMER CKT 1   GOODYEAR JUNCTION - INDIAN HILLS 1158	ACP Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pol
13.8   230/115/18.0KV TRANSFORMER CKT 1   13.8   230/115/18.0KV TRANSFORMER CKT 1   HOYT - JEFFREY ENERGY CENTER 345KV	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, on iKV CKT 1 115kV breaker, associated equipme
S	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pane V CKT 1
LAWRENCE HILL (LAWHL28X) 230/115/13.8KV   MIDLAND JUNCTION (MIDJ126X)	
LAWRENCE HILL (LAWH:L28X) 230/115/13.8KV   MIDLAND JUNCTION (MIDJ:26X)	Indeterminate
LAWRENCE HILL (LAWHL28X) 230/115/13.8KV   MIDLAND JUNCTION (MIDJ28X)	
LAWRENCE HILL (LAWH-L2SX) 230/115/13.8KV   MIDLAND JUNCTION (MIDJ28X)   5   22SP   WERE   WERE   WERE   TRANSFORMER CKT 1   113.8   230/115/18.0KV TRANSFORMER CKT 1   Auburn - JEC 345KV	Build approximately 181 miles of 345kV Lacygne - Mariosa
	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
LAWRENCE HILL (LAWHL29X) 230/115/13.8KV MIDLAND JUNCTION (MIDJ126X) AUBURN ROAD (AUBRN77X) 345/115/13	
5 22SP WERE WERE TRANSFORMER CKT 1 113.8 230/115/18.0KV TRANSFORMER CKT 1 TRANSFORMER CKT 1 113.8 LAWRENCE HILL (LAWHE2X) 230/115/13.8KV MIDLAND JUNCTION (MIDL/28X) NASHUA (NASH 11) 34/516/113.8KV TRANSF	
5 22SP WERE WERE TRANSFORMER CKT 1 113.8 230/115/18.0KV TRANSFORMER CKT 1 CKT 11  LAWRENCE HILL (LAWHE2X) 230/115/13.0KV LAWRENCE HILL - MIDLAND JUNCTION 230KV	Add 345/161kV Transformer
5 22SP WERE WERE TRANSFORMER CKT 1 113.8 CKT 1 Iatan - Jeffrey Energy Center 345 kV KA	
LAWRENCE HILL (LAWHL29X) 230/115/13.8KV LAWRENCE HILL - MIDLAND JUNCTION 230KV	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pol running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, on
5         22SP         WERE         WERE         TRANSFORMER CKT 1         113.8         CKT 1         GOODYEAR JUNCTION - INDIAN HILLS 115#           5         22SP         WERE         LAWRENCE HILL (LAWHL29X) 230/115/13.8KV         LAWRENCE HILL - MIDLAND JUNCTION 230KV           5         22SP         WERE         WERE         TRANSFORMER CKT 1         113.8	IKV CKT 1 115kV breaker, associated equipme Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pane

5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	113.8	LAWRENCE HILL - MIDLAND JUNCTION 230KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
_	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV	113.8	LAWRENCE HILL - MIDLAND JUNCTION 230KV		
5	22SP	WERE	WERE	TRANSFORMER CKT 1 LAWRENCE HILL (LAWHL29X) 230/115/13.8KV	113.8	CKT 1  LAWRENCE HILL - MIDLAND JUNCTION 230KV	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	TRANSFORMER CKT 1 LAWRENCE HILL (LAWHL29X) 230/115/13.8KV	113.8	CKT 1 LAWRENCE HILL - MIDLAND JUNCTION 230KV	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	TRANSFORMER CKT 1	113.8	CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	113.8	LAWRENCE HILL - MIDLAND JUNCTION 230KV	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
-				LAWRENCE HILL (LAWHL29X) 230/115/13.8KV		LAWRENCE HILL - MIDLAND JUNCTION 230KV	AUBURN ROAD (AUBRN77X) 345/115/13.8KV	
5	22SP	WERE	WERE	TRANSFORMER CKT 1 LAWRENCE HILL (LAWHL29X) 230/115/13.8KV	113.8	CKT 1 LAWRENCE HILL - MIDLAND JUNCTION 230KV	TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	TRANSFORMER CKT 1	113.8	CKT 1	CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	100.5	SWISSVALE - WEST GARDNER 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	100.5	SWISSVALE - WEST GARDNER 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	100.5	SWISSVALE - WEST GARDNER 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	100.5	SWISSVALE - WEST GARDNER 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
				LAWRENCE HILL (LAWHL29X) 230/115/13.8KV			•	
5	22SP	WERE	WERE	TRANSFORMER CKT 1 LAWRENCE HILL (LAWHL29X) 230/115/13.8KV	100.5	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	TRANSFORMER CKT 1	100.5	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	100.5	SWISSVALE - WEST GARDNER 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
-	0000			LAWRENCE HILL (LAWHL29X) 230/115/13.8KV				
5	22SP	WERE	WERE	TRANSFORMER CKT 1 LAWRENCE HILL (LAWHL29X) 230/115/13.8KV	100.5	SWISSVALE - WEST GARDNER 345KV CKT 1	Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	TRANSFORMER CKT 1 LAWRENCE HILL (LAWHL29X) 230/115/13.8KV	100.5	SWISSVALE - WEST GARDNER 345KV CKT 1	TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	TRANSFORMER CKT 1	100.5	SWISSVALE - WEST GARDNER 345KV CKT 1	CKT 11	Add 345/161kV Transformer
5	22SP	KCPL	KCPL	LEEDS - WINCHESTER JUNCTION NORTH 161KV CKT 1	101.7	BLUE SPRINGS EAST - BLUE SPRINGS WEST 161KV CKT 1	LEEDS - WINCHESTER JUNCTION NORTH 161KV CKT 1	Replace Terminal Equipment
3						GREENWOOD ENERGY CENTER - LEES		
5	17SP	KCPL	KCPL	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1	136.4	SUMMIT EAST 161KV CKT 1 GREENWOOD ENERGY CENTER - LEES	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1 #1	Replace 800 amp wavetrap with 1200 amp unit
5	17SP	KCPL	KCPL	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1	136.4	SUMMIT EAST 161KV CKT 1	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1 #2	Rebuild 3.6 miles
5	17SP	KCPI	KCPI	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1	123.0	LEES SUMMIT EAST - PRAIRIE LEE 161KV CKT	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1 #1	Replace 800 amp wavetrap with 1200 amp unit
						LEES SUMMIT EAST - PRAIRIE LEE 161KV CKT		
5	17SP	KCPL	KCPL	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1	123.0	1 GREENWOOD ENERGY CENTER - LEES	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1 #2	Rebuild 3.6 miles
5	22SP	KCPL	KCPL	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1	142.4	SUMMIT EAST 161KV CKT 1 GREENWOOD ENERGY CENTER - LEES	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1 #1	Replace 800 amp wavetrap with 1200 amp unit
5	22SP	KCPL	KCPL	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1	142.4	SUMMIT EAST 161KV CKT 1	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1 #2	Rebuild 3.6 miles
-	22SP	KCPL	KCPL	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1	127.2	LEES SUMMIT EAST - PRAIRIE LEE 161KV CKT	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1 #1	Replace 800 amp wavetrap with 1200 amp unit
3						LEES SUMMIT EAST - PRAIRIE LEE 161KV CKT		
5	22SP 17SP	KCPL	KCPL	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1  MARTIN CITY - SOUTHTOWN 161KV CKT 1	127.2 109.9	1 HICKMAN - STILWELL 161KV CKT 1	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1 #2  MARTIN CITY - SOUTHTOWN 161KV CKT 1	Rebuild 3.6 miles  Replace terminal equipment at Martin City
						BLUE SPRING SOUTH - PRAIRIE LEE 161KV		
5	17SP 22SP	KCPL	KCPL	MARTIN CITY - SOUTHTOWN 161KV CKT 1 MARTIN CITY - SOUTHTOWN 161KV CKT 1	105.4 108.7	CKT 1 HICKMAN - STILWELL 161KV CKT 1	MARTIN CITY - SOUTHTOWN 161KV CKT 1 MARTIN CITY - SOUTHTOWN 161KV CKT 1	Replace terminal equipment at Martin City Replace terminal equipment at Martin City
5	22SP	KCPL	KCPL	MARTIN CITY - SOUTHTOWN 161KV CKT 1	103.1	CRAIG - WEST GARDNER 345KV CKT 1	MARTIN CITY - SOUTHTOWN 161KV CKT 1	Replace terminal equipment at Martin City
5	17SP	WERE	WERE	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	102.0	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	102.0	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
-								Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
5	17SP	WERE	WERE	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	102.0	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.  Substation
5	17SP	WERE	WERE	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	102.0	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
-				MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV		LAWRENCE HILL (LAWHL29X) 230/115/13.8KV		
5	17SP	WERE	WERE	TRANSFORMER CKT 1 MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV	102.0	TRANSFORMER CKT 1 LAWRENCE HILL (LAWHL29X) 230/115/13.8KV	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	TRANSFORMER CKT 1	102.0	TRANSFORMER CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	102.0	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
-		WERE	WESE	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	102.0	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV		·
5	17SP		WERE	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV		TRANSFORMER CKT 1 LAWRENCE HILL (LAWHL29X) 230/115/13.8KV	Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	TRANSFORMER CKT 1 MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV	102.0	TRANSFORMER CKT 1 LAWRENCE HILL (LAWHL29X) 230/115/13.8KV	TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	TRANSFORMER CKT 1	102.0	TRANSFORMER CKT 1	CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	103.5	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE	WERE	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	103.5	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE	WERE	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	103.5	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
-				MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV		LAWRENCE HILL (LAWHL29X) 230/115/13.8KV		
5	22SP	WERE	WERE	TRANSFORMER CKT 1 MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV	103.5	TRANSFORMER CKT 1 LAWRENCE HILL (LAWHL29X) 230/115/13.8KV	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	TRANSFORMER CKT 1 MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV	103.5	TRANSFORMER CKT 1 LAWRENCE HILL (LAWHL29X) 230/115/13.8KV	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	103.5	TRANSFORMER CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
						· · · · · · · · · · · · · · · · · · ·		

		1		MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV	I	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV		
5	22SP	WERE	WERE	TRANSFORMER CKT 1	103.5	TRANSFORMER CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV TRANSFORMER CKT 1	103.5	LAWRENCE HILL (LAWHL29X) 230/115/13.8KV TRANSFORMER CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
				MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV		LAWRENCE HILL (LAWHL29X) 230/115/13.8KV	AUBURN ROAD (AUBRN77X) 345/115/13.8KV	
5	22SP	WERE	WERE	TRANSFORMER CKT 1 MIDLAND JUNCTION (MIDJ126X) 230/115/18.0KV	103.5	TRANSFORMER CKT 1 LAWRENCE HILL (LAWHL29X) 230/115/13.8KV	TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	TRANSFORMER CKT 1	103.5	TRANSFORMER CKT 1	CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	MOCKINGBIRD HILL SWITCHING STATION - STULL SWITCHING STATION 115KV CKT 1	107.5	HOYT - STRANGER CREEK 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
								Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pol
5	17SP	WERE	WERE	MOCKINGBIRD HILL SWITCHING STATION - STULL SWITCHING STATION 115KV CKT 1	107.5	HOYT - STRANGER CREEK 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, on 115kV breaker, associated equipme
	1701	WEIKE	WEIKE		101.0	THE THE WINDOW ONCE TO HOLLY ONLY	GOOD TEXANDOR OF THE WAY THEE OF THE WORK OF THE	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at
_	17SP	WERE	WERE	MOCKINGBIRD HILL SWITCHING STATION - STULL SWITCHING STATION 115KV CKT 1	107.5	HOYT - STRANGER CREEK 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pane Substation
3				MOCKINGBIRD HILL SWITCHING STATION - STULL				
5	17SP	WERE	WERE	SWITCHING STATION 115KV CKT 1 MOCKINGBIRD HILL SWITCHING STATION - STULL	107.5	HOYT - STRANGER CREEK 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	SWITCHING STATION 115KV CKT 1	107.5	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	MOCKINGBIRD HILL SWITCHING STATION - STULL SWITCHING STATION 115KV CKT 1	107.5	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Duild accompany to 404 wiles of 0451011 accompany
5	175P		WERE	MOCKINGBIRD HILL SWITCHING STATION - STULL		HOTT - STRANGER CREEK 345KV CKT I	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	SWITCHING STATION 115KV CKT 1	107.5	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	MOCKINGBIRD HILL SWITCHING STATION - STULL SWITCHING STATION 115KV CKT 1	107.5	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
				MOCKINGBIRD HILL SWITCHING STATION - STULL			AUBURN ROAD (AUBRN77X) 345/115/13.8KV	
5	17SP	WERE	WERE	SWITCHING STATION 115KV CKT 1 MOCKINGBIRD HILL SWITCHING STATION - STULL	107.5	HOYT - STRANGER CREEK 345KV CKT 1	TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	SWITCHING STATION 115KV CKT 1	107.5	HOYT - STRANGER CREEK 345KV CKT 1	CKT 11	Add 345/161kV Transformer
5	22SP	WERE	WERE	MOCKINGBIRD HILL SWITCHING STATION - STULL SWITCHING STATION 115KV CKT 1	106.5	HOYT - STRANGER CREEK 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
3	2235	WERE	WERE		100.5	HOTT - STRANGER GREEK 343RV GRT I	latan - Jenney Energy Center 343 kV KACF	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-po
-	0000	WEDE	were	MOCKINGBIRD HILL SWITCHING STATION - STULL	400 5	LIGHT OTT ANOTH OFFICE AFTER OUT A	COORVEAR HINGTION INDIANAMINO METAL	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, or
5	22SP	WERE	WERE	SWITCHING STATION 115KV CKT 1	106.5	HOYT - STRANGER CREEK 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at
_				MOCKINGBIRD HILL SWITCHING STATION - STULL				(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pane
5	22SP	WERE	WERE	SWITCHING STATION 115KV CKT 1 MOCKINGBIRD HILL SWITCHING STATION - STULL	106.5	HOYT - STRANGER CREEK 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Substation
5	22SP	WERE	WERE	SWITCHING STATION 115KV CKT 1	106.5	HOYT - STRANGER CREEK 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	MOCKINGBIRD HILL SWITCHING STATION - STULL SWITCHING STATION 115KV CKT 1	106.5	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
				MOCKINGBIRD HILL SWITCHING STATION - STULL				
5	22SP	WERE	WERE	SWITCHING STATION 115KV CKT 1 MOCKINGBIRD HILL SWITCHING STATION - STULL	106.5	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	SWITCHING STATION 115KV CKT 1	106.5	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	MOCKINGBIRD HILL SWITCHING STATION - STULL SWITCHING STATION 115KV CKT 1	106.5	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
				MOCKINGBIRD HILL SWITCHING STATION - STULL			AUBURN ROAD (AUBRN77X) 345/115/13.8KV	
5	22SP	WERE	WERE	SWITCHING STATION 115KV CKT 1	106.5	HOYT - STRANGER CREEK 345KV CKT 1	TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	MOCKINGBIRD HILL SWITCHING STATION - STULL SWITCHING STATION 115KV CKT 1	106.5	HOYT - STRANGER CREEK 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
_						POST ROCK (POSTROCK T1) 345/230/13.8KV		
5	13WP 13WP	SUNC	SUNC WERE	MULLERGREN - SPEARVILLE 230KV CKT 1 MUND - PENTAGON 115KV CKT 1	104.0 140.9	TRANSFORMER CKT 1 87th STREET - CRAIG 345KV CKT 1	Priority Projects latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
								Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-po
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	140.9	87th STREET - CRAIG 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, or 115kV breaker, associated equipme
								Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	140.9	87th STREET - CRAIG 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pand Substation
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	140.9	87th STREET - CRAIG 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1 MUND - PENTAGON 115KV CKT 1	140.9 140.9	87th STREET - CRAIG 345KV CKT 1 87th STREET - CRAIG 345KV CKT 1	Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV KACP	Indeterminate Build approximately 181 miles of 345kV Lacygne - Mariosa
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	140.9	87th STREET - CRAIG 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Aubum - Swissvale 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	140.9	87th STREET - CRAIG 345KV CKT 1	Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	140.9	87th STREET - CRAIG 345KV CKT 1	TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	140.9	87th STREET - CRAIG 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1  MUND - PENTAGON 115KV CKT 1	140.9	IATAN - ST JOE 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
								Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-po
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	123.2	IATAN - ST JOE 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, or 115kV breaker, associated equipme
								Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	123.2	IATAN - ST JOE 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pan Substation
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	123.2 123.2	IATAN - ST JOE 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1 MUND - PENTAGON 115KV CKT 1	123.2 123.2	IATAN - ST JOE 345KV CKT 1 IATAN - ST JOE 345KV CKT 1	Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV KACP	Indeterminate Build approximately 181 miles of 345kV Lacygne - Mariosa
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	123.2	IATAN - ST JOE 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	123.2	IATAN - ST JOE 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	123.2	IATAN - ST JOE 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
							NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	
_	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	123.2	IATAN - ST JOE 345KV CKT 1	CKT 11	Add 345/161kV Transformer
5		WERE	WERE	MUND - PENTAGON 115KV CKT 1	114.7	SWISSVALE - WEST GARDNER 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	13WP		1 7					Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pc
	13WP							
	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	114.7	SWISSVALE - WEST GARDNER 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, or 115kV breaker, associated equipme
		WERE	WERE	MUND - PENTAGON 115KV CKT 1	114.7	SWISSVALE - WEST GARDNER 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, or 115kV breaker, associated equipme Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay pane

5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	114.7	SWISSVALE - WEST GARDNER 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
-		WERE	WERE					
5	13WP			MUND - PENTAGON 115KV CKT 1	114.7	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	114.7	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	114.7	SWISSVALE - WEST GARDNER 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	114.7	SWISSVALE - WEST GARDNER 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
_	401470		were				AUBURN ROAD (AUBRN77X) 345/115/13.8KV	
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	114.7	SWISSVALE - WEST GARDNER 345KV CKT 1	TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1 MUND - PENTAGON 115KV CKT 1	114.7 114.3	SWISSVALE - WEST GARDNER 345KV CKT 1 KCPL-OPGD#08	CKT 11 latan - Jeffrey Energy Center 345 kV KACP	Add 345/161kV Transformer Build 14.2 miles of new 345 kV
3	ISWE	WERE	WERE	WOND - FENTAGON TISKV CRT I	114.5	KCFL*OFGD#08	latari - Jelliey Erleigy Celiter 343 kV KACF	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	114.3	KCPL-OPGD#08	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
								Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels,
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1 MUND - PENTAGON 115KV CKT 1	114.3 114.3	KCPL-OPGD#08 KCPL-OPGD#08	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Substation
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1 MUND - PENTAGON 115KV CKT 1	114.3	KCPL-OPGD#08 KCPL-OPGD#08	latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AMRN	Build 56.8 miles of new 345 kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	114.3	KCPL-OPGD#08	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	13WP	WERE		MUND - PENTAGON 115KV CKT 1	114.3	KCPL-OPGD#08	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	114.3	KCPL-OPGD#08	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
_		l					AUBURN ROAD (AUBRN77X) 345/115/13.8KV	
- 5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	114.3	KCPL-OPGD#08	TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	114.3	KCPL-OPGD#08	CKT 11	Add 345/161kV Transformer
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	113.2	KCPL-OPGD#06	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	113.2	KCPL-OPGD#06	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
								Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
-	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	113.2	KCPL-OPGD#06	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.  Substation
5	13WP	WERE		MUND - PENTAGON 115KV CKT 1	113.2	KCPL-OPGD#06	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	13WP	WERE		MUND - PENTAGON 115KV CKT 1	113.2	KCPL-OPGD#06	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	113.2	KCPL-OPGD#06	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	113.2	KCPL-OPGD#06	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	113.2	KCPL-OPGD#06	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	113.2	KCPL-OPGD#06	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	113.2	KCPL-OPGD#06	CKT 11	Add 345/161kV Transformer
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	112.7	KCPL-OPGD#01	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	112.7	KCPL-OPGD#01	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
								Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	112.7	KCPL-OPGD#01	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.  Substation
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	112.7	KCPL-OPGD#01	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	13WP	WERE		MUND - PENTAGON 115KV CKT 1	112.7	KCPL-OPGD#01	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	13WP	WERE		MUND - PENTAGON 115KV CKT 1	112.7	KCPL-OPGD#01	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5 5	13WP 13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1 MUND - PENTAGON 115KV CKT 1	112.7 112.7	KCPL-OPGD#01 KCPL-OPGD#01	Auburn - Swissvale 345KV Auburn - JFC 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV  Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
							AUBURN ROAD (AUBRN77X) 345/115/13.8KV	
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	112.7	KCPL-OPGD#01	TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	112.7	KCPL-OPGD#01	CKT 11	Add 345/161kV Transformer
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.1	LACYGNE - STILWELL 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.1	LACYGNE - STILWELL 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	IJWE	WERE	WENE	MOND - I ENTAGON HONV ON I	100.1	SOTONE - OTHER PER SHORY OR!	SSSTERIOR TON-INDIAN FILES HOW ON I	Rebuild the JEC - Hovt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
_	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.1	LACYCNE STILMELL SAFROLOUT	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.  Substation
5	13WP	WERE		MUND - PENTAGON 115KV CKT 1 MUND - PENTAGON 115KV CKT 1	105.1	LACYGNE - STILWELL 345KV CKT 1 LACYGNE - STILWELL 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1  latan - Jeffrey Energy Center 345 kV WERE	Substation  Build 56.8 miles of new 345 kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.1	LACYGNE - STILWELL 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.1	LACYGNE - STILWELL 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.1	LACYGNE - STILWELL 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.1	LACYGNE - STILWELL 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.1	LACYGNE - STILWELL 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.1	LACYGNE - STILWELL 345KV CKT 1	CKT 11	Add 345/161kV Transformer
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.3	BASE CASE	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.3	BASE CASE	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
_	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.3	BASE CASE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1 MUND - PENTAGON 115KV CKT 1	103.3	BASE CASE BASE CASE	latan - Jeffrey Energy Center 345 kV WERE	Substation  Build 56.8 miles of new 345 kV
5	13WP	WERE		MUND - PENTAGON 115KV CKT 1	103.3	BASE CASE	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.3	BASE CASE	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.3	BASE CASE	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.3	BASE CASE	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.3	BASE CASE	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.3	BASE CASE	CKT 11	Add 345/161kV Transformer
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.7	HOYT - STRANGER CREEK 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV

_	1					1		D 1 7144 05 7 4451VF 711 H 14400 54 000 1 1144
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.7	HOYT - STRANGER CREEK 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.7	HOYT - STRANGER CREEK 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.7	HOYT - STRANGER CREEK 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.7	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.7	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	13WP		WERE	MUND - PENTAGON 115KV CKT 1	101.7	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.7	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.7	HOYT - STRANGER CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	13WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.7	HOYT - STRANGER CREEK 345KV CKT 1	CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.7	87th STREET - CRAIG 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.7	87th STREET - CRAIG 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV buswork, one 115kV buswork, one 115kV buswork associated equipme Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
-	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.7	87th STREET - CRAIG 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.
5	17SP	WERE		MUND - PENTAGON 115KV CKT 1  MUND - PENTAGON 115KV CKT 1	105.7	87th STREET - CRAIG 345KV CKT 1		Substation
5	17SP	WERE		MUND - PENTAGON 115KV CKT 1	105.7	87th STREET - CRAIG 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE Lacygne - Mariosa 345KV AMRN	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.7	87th STREET - CRAIG 345KV CKT 1	Lacygne - Mariosa 345KV KACP	
5	17SP			MUND PENTAGON (15KV CKT )				Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.7 105.7	87th STREET - CRAIG 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	175P	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.7	87th STREET - CRAIG 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.7	87th STREET - CRAIG 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
3	1735	WENE	WENE	MUND - FENTAGON TISKY CAT I	105.7	Grai STREET * GRAIG 343RV GRT I	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400WVA transformer with 300WVA transformer
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.7	87th STREET - CRAIG 345KV CKT 1	CKT 11	Add 345/161kV Transformer
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.6	SWISSVALE - WEST GARDNER 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.6	SWISSVALE - WEST GARDNER 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.6	SWISSVALE - WEST GARDNER 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.  Substation
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.6	SWISSVALE - WEST GARDNER 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.6	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.6	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.6	SWISSVALE - WEST GARDNER 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.6	SWISSVALE - WEST GARDNER 345KV CKT 1	Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.6	SWISSVALE - WEST GARDNER 345KV CKT 1	TRANSFORMER CKT 1  NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.6	SWISSVALE - WEST GARDNER 345KV CKT 1	CKT 11	Add 345/161kV Transformer
5	17WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.6	87th STREET - CRAIG 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.6	87th STREET - CRAIG 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) slostation will include 115kV buswork, one 115kV breaker, associated equipme Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
5	17WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.6	87th STREET - CRAIG 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.  Substation
5	17WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.6	87th STREET - CRAIG 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.6	87th STREET - CRAIG 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.6	87th STREET - CRAIG 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.6	87th STREET - CRAIG 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.6	87th STREET - CRAIG 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.6	87th STREET - CRAIG 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1 NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	17WP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	101.6	87th STREET - CRAIG 345KV CKT 1	CKT 11	Add 345/161kV Transformer
5	22SP	WEKE	WERE	MUND - PENTAGON 115KV CKT 1	105.9	87th STREET - CRAIG 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
5	22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.9	87th STREET - CRAIG 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
5	22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.9	87th STREET - CRAIG 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.  Substation
5	22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.9	87th STREET - CRAIG 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.9	87th STREET - CRAIG 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP		WERE	MUND - PENTAGON 115KV CKT 1	105.9	87th STREET - CRAIG 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.9	87th STREET - CRAIG 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.9	87th STREET - CRAIG 345KV CKT 1	Auburn - JEC 345KV  AUBURN ROAD (AUBRN77X) 345/115/13.8KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP 22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	105.9	87th STREET - CRAIG 345KV CKT 1	TRANSFORMER CKT 1  NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER  CKT 11	Replace 400MVA transformer with 560MVA transformer
5				MUND - PENTAGON 115KV CKT 1		87th STREET - CRAIG 345KV CKT 1		Add 345/161kV Transformer
5	22SP 22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1  MUND - PENTAGON 115KV CKT 1	103.4	SWISSVALE - WEST GARDNER 345KV CKT 1 SWISSVALE - WEST GARDNER 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP  GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5								Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.
5	22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.4	SWISSVALE - WEST GARDNER 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Substation
5	22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.4	SWISSVALE - WEST GARDNER 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV

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5	22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.4	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.4	SWISSVALE - WEST GARDNER 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
-	22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1			Auburn - Swissvale 345KV	
5					103.4	SWISSVALE - WEST GARDNER 345KV CKT 1		Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.4	SWISSVALE - WEST GARDNER 345KV CKT 1	Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.4	SWISSVALE - WEST GARDNER 345KV CKT 1	TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE	WERE	MUND - PENTAGON 115KV CKT 1	103.4	SWISSVALE - WEST GARDNER 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	13WP	MIDW	MIDW	N HAYS3 115.00 - VINE STREET 115KV CKT 1	149.4	KNOLL 230 - POSTROCK6 230.00 230KV CKT	Priority Projects	
								Tap Nashua 345kV bus in Hawthorn - St. Joseph 345 kV line. Build new 345 kV line from latan to Nashua, Add Nashua
5	13WP 22SP	KCPL	KCPL	PECULIAR - PLEASANT HILL 345KV CKT 1 REDEL - STILWELL 161KV CKT 1	102.9	IATAN - ST JOE 345KV CKT 1 PECULIAR - STILWELL 345KV CKT 1	IATAN - NASHUA 345KV CKT 1 REDEL - STILWELL 161KV CKT 1	345/161 kV  Reconductor line and upgrade terminal equipment for 2000 amps
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	145.0	GEN532652 1-JEFFREY ENERGY CENTER UNIT 2	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	145.0	GEN532652 1-JEFFREY ENERGY CENTER UNIT 2	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	145.0	GEN532652 1-JEFFREY ENERGY CENTER UNIT 2	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	144.5	GEN532651 1-JEFFREY ENERGY CENTER UNIT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	144.5	GEN532651 1-JEFFREY ENERGY CENTER UNIT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	144.5	GEN532651 1-JEFFREY ENERGY CENTER UNIT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	142.1	SPP-MKEC-08	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	13WP		WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	142.1	SPP-MKEC-08	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5 5	13WP		WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	142.1	SPP-MKEC-08 GREENSBURG - SUN CITY 115KV CKT 1	Mullergren - Reno 345kV Dbl CKT WERE Spearville - Mullergren 345kV Dbl CKT	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno Build approximately 74 miles of double 345kV Spearville - Mullergren
5	13WP	MIDW		SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	140.4	GREENSBURG - SUN CITY 115KV CKT 1	Mullergren - Reno 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearvine - Mullergren - Reno
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	140.4	GREENSBURG - SUN CITY 115KV CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP		WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	139.9	SPP-WERE-34	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	139.9	SPP-WERE-34	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP		WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	139.9	SPP-WERE-34	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	131.8	ROSE HILL - WOLF CREEK 345KV CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	131.8 131.8	ROSE HILL - WOLF CREEK 345KV CKT 1  ROSE HILL - WOLF CREEK 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP		WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	131.3	BASE CASE	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	13WP		WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	131.3	BASE CASE	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	131.3	BASE CASE	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	127.2	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	127.2	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
-	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	127.2	SUMMIT (SUMMIT1X) 345/230/14.4KV TRANSFORMER CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP		WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	123.3	HOYT - STRANGER CREEK 345KV CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	123.3	HOYT - STRANGER CREEK 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	13WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	123.3	HOYT - STRANGER CREEK 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	17SP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	114.3	AXTELL - POST ROCK 345KV CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	17SP		WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	114.3	AXTELL - POST ROCK 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	17SP		WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	114.3	AXTELL - POST ROCK 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	17WP		WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	117.4	AXTELL - POST ROCK 345KV CKT 1  AXTELL - POST ROCK 345KV CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	17WP	MIDW		SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	117.4	AXTELL - POST ROCK 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	17WP	MIDW		SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	103.4	CIRCLE - MULLERGREN 230KV CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	17WP	MIDW		SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	103.4	CIRCLE - MULLERGREN 230KV CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	17WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	103.4	CIRCLE - MULLERGREN 230KV CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
5	17WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	103.2	FINNEY SWITCHING STATION - Hitchland Interchange 345KV CKT 1	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergren
5	17WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	103.2	FINNEY SWITCHING STATION - Hitchland Interchange 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
_	17WP	MIDW	WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	103.2	FINNEY SWITCHING STATION - Hitchland Interchange 345KV CKT 1	Mullargrap Page 245137 DELCAT WEDS	Puild ownership of approximately 70 miles of device 0.4513/ Mullessess Deser
5	22SP		WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1 SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	103.2	Interchange 345KV CKT 1  AXTELL - POST ROCK 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT WERE Spearville - Mullergren 345kV Dbl CKT	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno Build approximately 74 miles of double 345kV Spearville - Mullergren
5	22SP		WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	111.5	AXTELL - POST ROCK 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT MKEC	Build approximately 74 miles of double 345kV Spearville - Mullergren - Reno
5	22SP		WERE	SMOKYHL6 230.00 - SUMMIT 230KV CKT 1	111.5	AXTELL - POST ROCK 345KV CKT 1	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reno
_								Tap Nashua 345kV bus in Hawthom - St. Joseph 345 kV line. Build new 345 kV line from latan to Nashua, Add Nashua
5	13WP	KCPL	KCPL	SOUTH HARPER - STILWELL 161KV CKT 1 SOUTH HAYS (S HAYS T1) 230/115/12.47KV	102.1	PECULIAR - STILWELL 345KV CKT 1 KNOLL 230 - POSTROCK6 230.00 230KV CKT	IATAN - NASHUA 345KV CKT 1	345/161 kV
5	13WP	MIDW	MIDW	TRANSFORMER CKT 1 STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT	103.7	1	Priority Projects	
5	17SP	WERE	WERE	1	113.3	HOYT - STRANGER CREEK 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
5	17SP	WERE	WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT 1	113.3	HOYT - STRANGER CREEK 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE	WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT	113.3	HOYT - STRANGER CREEK 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE	WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT	113.3	HOYT - STRANGER CREEK 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE	WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT	113.3	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Build 36.8 milles of new 343 kV  Indeterminate
5	17SP	WERE	WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT	113.3	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV KACP	indeterminate  Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE		STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT	113.3	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - Swissvale 345KV	Build approximately 181 miles of 345kV Lacygne - Mariosa  Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE	WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT	113.3	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - Swissvale 345KV  Auburn - JEC 345KV	
5	17SP	WERE	WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT	113.3	HOYT - STRANGER CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV  Replace 400MVA transformer with 560MVA transformer
5	1752	WEKE	WEKE	1	113.3	HOTT - STRANGER CREEK 345KV CKT 1	TRANSFORMER CRT 1	Replace 400MVA transformer With 560MVA transformer

			STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT		T	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	
5	17SP	WERE WERE	1	113.3	HOYT - STRANGER CREEK 345KV CKT 1	CKT 11	Add 345/161kV Transformer
5	22SP	WERE WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT	111.8	HOYT - STRANGER CREEK 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	22SP	WERE WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT	111.8	HOYT - STRANGER CREEK 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	22SP	WERE WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT	111.8	HOYT - STRANGER CREEK 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	22SP	WERE WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT	111.8	HOYT - STRANGER CREEK 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT 1	111.8	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	22SP	WERE WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT 1	111.8	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT 1	111.8	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT 1	111.8	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT	111.8	HOYT - STRANGER CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE WERE	STULL SWITCHING STATION - TECUMSEH HILL 115KV CKT	111.8	HOYT - STRANGER CREEK 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
			SWISSVALE - WEST GARDNER 345KV CKT 1		HOYT - JEFFREY ENERGY CENTER 345KV		
5	17SP	WERE KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.7	CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV  Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole
5	17SP	WERE KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.7	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one  115kV breaker, associated equipme
5	17SP	WERE KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.7	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
5	17SP	WERE KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.7	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.7	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.7	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5	17SP	WERE KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.7	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	17SP	WERE KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.7	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.7	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5	17SP	WERE KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.7	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
5	17SP	WERE KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.5	HOYT - STRANGER CREEK 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
5	17SP	WERE KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.5	HOYT - STRANGER CREEK 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
5	17SP	WERE KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.5	HOYT - STRANGER CREEK 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.  Substation
5	17SP	WERE KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.5	HOYT - STRANGER CREEK 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	17SP	WERE KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.5	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
5	17SP	WERE KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.5	HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
5 5	17SP 17SP	WERE KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1 SWISSVALE - WEST GARDNER 345KV CKT 1	104.5 104.5	HOYT - STRANGER CREEK 345KV CKT 1 HOYT - STRANGER CREEK 345KV CKT 1	Auburn - Swissvale 345KV Auburn - JEC 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	17SP	WERE KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.5	HOYT - STRANGER CREEK 345KV CKT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
5						NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	
5	17SP	WERE KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.5	HOYT - STRANGER CREEK 345KV CKT 1	CKT 11	Add 345/161kV Transformer
5	22SP	WERE KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.3	HOYT - STRANGER CREEK 345KV CKT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one
5	22SP	WERE KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.3	HOYT - STRANGER CREEK 345KV CKT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	115kV breaker, associated equipme  Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JE
5	22SP	WERE KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.3	HOYT - STRANGER CREEK 345KV CKT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	(Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels.
5	22SP	WERE KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.3	HOYT - STRANGER CREEK 345KV CKT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
5	22SP	WERE KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1 SWISSVALE - WEST GARDNER 345KV CKT 1	104.3 104.3	HOYT - STRANGER CREEK 345KV CKT 1 HOYT - STRANGER CREEK 345KV CKT 1	Lacygne - Mariosa 345KV AMRN Lacygne - Mariosa 345KV KACP	Indeterminate
	22SP						Build approximately 181 miles of 345kV Lacygne - Mariosa
5	22SP	WERE KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.3	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV
5	22SP	WERE KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.3	HOYT - STRANGER CREEK 345KV CKT 1	Auburn - JEC 345KV AUBURN ROAD (AUBRN77X) 345/115/13.8KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
5	22SP	WERE KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.3	HOYT - STRANGER CREEK 345KV CKT 1	TRANSFORMER CKT 1  NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER	Replace 400MVA transformer with 560MVA transformer
5	22SP	WERE KCPL	SWISSVALE - WEST GARDNER 345KV CKT 1	104.3	HOYT - STRANGER CREEK 345KV CKT 1	CKT 11	Add 345/161kV Transformer

Season	Area	Monitored Bus with Violation	Transfer Case Voltage (PU)	Outaged Branch Causing Overload	Upgrade Name	Solution
17WP	WERE	WOLF CREEK 345KV	0.978031	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
17WP	WERE	WOLF CREEK 345KV	0.978031	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
17WP	WERE	WOLF CREEK 345KV	0.978031	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JEC (Station 1) substation will include removal of 345kV carrier equipment and installation of new fiber optic relay panels. Substation
17WP	WERE	WOLF CREEK 345KV	0.978031	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
17WP	WERE	WOLF CREEK 345KV	0.978031	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
17WP	WERE	WOLF CREEK 345KV	0.978031	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
17WP	WERE	WOLF CREEK 345KV	0.978031	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circu 345kV
17WP	WERE	WOLF CREEK 345KV	0.978031	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1		Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV
17WP	WERE	WOLF CREEK 345KV	0.978031	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
17WP	WERE	WOLF CREEK 345KV	0.978031	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer
22SP	WERE	WOLF CREEK 345KV	0.984561	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV
22SP	WERE	WOLF CREEK 345KV	0.984561	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, one 115kV breaker, associated equipme
22SP	WERE	WOLF CREEK 345KV	0.984561	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield wire. Substation work at JEC (Station 1) substation will include removal of 345kV carrier equipment and installation of new liber optic relay panels. Substation
22SP	WERE	WOLF CREEK 345KV	0.984561	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV
22SP	WERE	WOLF CREEK 345KV	0.984561	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	Lacygne - Mariosa 345KV AMRN	Indeterminate
22SP	WERE	WOLF CREEK 345KV	0.984561	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa
22SP	WERE	WOLF CREEK 345KV	0.984561	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circu 345kV
22SP	WERE	WOLF CREEK 345KV	0.984561	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345k
22SP	WERE	WOLF CREEK 345KV	0.984561	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer
22SP	WERE	WOLF CREEK 345KV	0.984561	GEN532751 1-WOLF CREEK GENERATING STATION UNIT 1	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer

Transmission Owner	Upgrade	Solution	Earliest Date Upgrade Required (DUN)	Estimated Date of Upgrade Completion (EOC)	Estimated Engineering & Construction Cost
	None				

Construction Pending Projects - The requested service is contingent upon completion of the following upgrades. Cost is not assignable to the transmission customer.

Transmission				Estimated Date of Upgrade	
Owner	Upgrade	Solution	Required (DUN)	Completion (EOC)	Construction Cos
GRDA	GRDA1 - SILOAM SPRINGS TAP 345KV CKT 1 Accelerate	Replace Terminal Equipment	6/1/2018	6/1/2018	\$ 3,300,000
KACP	latan - Jeffrey Energy Center 345 kV KACP	Build 14.2 miles of new 345 kV	10/1/2013	6/1/2018	\$ 14,089,880
KACP	Lacygne - Mariosa 345KV KACP	Build approximately 181 miles of 345kV Lacygne - Mariosa	10/1/2013	6/1/2018	\$ 275,120,000
MIPU	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #2	Rebuild 2.5 miles	6/1/2014	6/1/2016	\$ 2,287,500
MIPU	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #2	Rebuild 3.2 miles	6/1/2014	6/1/2016	\$ 2,928,000
MIPU	BLUE SPRINGS EAST - BLUE SPRINGS WEST 161KV CKT 1	Replace 800 amp wavetrap with 1200 amp unit	6/1/2014	6/1/2015	\$ 150,000
MIPU	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1 #2	Rebuild 3.6 miles	6/1/2014	6/1/2016	\$ 3,294,000
MIPU	MARTIN CITY - SOUTHTOWN 161KV CKT 1	Replace terminal equipment at Martin City	6/1/2014	6/1/2014	\$ 155,000
MIPU	NASHUA (NASH 11) 345/161/13.8KV TRANSFORMER CKT 11	Add 345/161kV Transformer	10/1/2013	6/1/2018	\$ 11,250,000
NPPD	HOLT - NELIGH 345KV CKT 1	Build new 16 miles 345 kV Holt - Neligh and associated terminal equipmen	10/1/2013	3/1/2019	\$ 30,656,000
OKGE	CIMARRON - DRAPER LAKE 345KV CKT 1	Replace Terminal Equipment	10/1/2014	6/1/2015	\$ 150,000
WERE	Auburn - JEC 345KV	Rebuild the 29.6 mile JEC - Auburn 230kV line as a single circuit 345kV	10/1/2013	6/1/2018	\$ 24,035,576
WERE	Auburn - Swissvale 345KV	Rebuild the 14.9 mile Auburn - Swissvale 230kV line as a single circuit 345kV	10/1/2013	6/1/2018	\$ 19,731,909
WERE	AUBURN ROAD (AUBRN77X) 345/115/13.8KV TRANSFORMER CKT 1	Replace 400MVA transformer with 560MVA transformer	10/1/2013	6/1/2018	\$ 11,250,000
WERE	GOODYEAR JUNCTION - INDIAN HILLS 115KV CKT 1	Rebuild 11.25 miles 115 kV line with bundled 1192.5 ACSR and wood H-frame tangent structures and Steel 3-pole running angle and deadends. Substation work at Goodyear (Station 1) substation will include 115kV buswork, on	10/1/2013	6/1/2016	\$ 12,944,465
		Rebuild the JEC - Hoyt 345kV line as a single circuit with new conductor, poles, and shield			, , , , , , , , , , , , , , , , , , , ,
		wire. Substation work at JEC (Station 1) substation will include removal of 345kV carrier			
WERE	HOYT - JEFFREY ENERGY CENTER 345KV CKT 1	equipment and installation of new fiber optic relay panels. Substation	10/1/2013	6/1/2017	\$ 49,623,119
WERE	latan - Jeffrey Energy Center 345 kV WERE	Build 56.8 miles of new 345 kV	10/1/2013	6/1/2018	\$ 128,776,067
MKEC	Mullergren - Reno 345kV Dbl CKT MKEC	Build ownership of approximately 79 miles of double 345kV Mullergren - Reni	10/1/2013	6/1/2019	\$ 105,443,733
MKEC	Spearville - Mullergren 345kV Dbl CKT	Build approximately 74 miles of double 345kV Spearville - Mullergrei	10/1/2013	6/1/2019	\$ 98,161,961
WERE	Circle - Reno 345kV Dbl CKT	Build approximately 6 miles of double 345kV Circle - Reno	10/1/2013	6/1/2019	\$ 105,443,733
WERE	Mullergren - Reno 345kV Dbl CKT WERE	Build ownership of approximately 79 miles of double 345kV Mullergren - Reni	10/1/2013	6/1/2019	\$ 98,161,961

Expansion Plan Projects - The requested service is contingent upon completion of the following upgrades. Cost is not assignable to the transmission customer.

Transmission Owner	Upgrade	Solution	Earliest Date Upgrade Required (DUN)	Estimated Date of Upgrade Completion (EOC)
KACP	IATAN MAGUNA OFFICIONTA	Tap Nashua 345kV bus in Hawthorn - St. Joseph 345 kV line. Build new 345 kV line from	40/4/0040	0/4/0045
KACP	IATAN - NASHUA 345KV CKT 1	latan to Nashua, Add Nashua 345/161 kV  Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County	10/1/2013	6/1/2015
NPPD	Cherry Co - Gentleman 345 kV Ckt1	345 kV Substation (76 miles).	10/1/2013	1/1/2018
		Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345		
NPPD NPPD	Cherry Co - Holt Co 345 kV Ckt1 Cherry Co 345 kV Terminal Upgrades	kV Holt County Substation. (Estimated 146 miles).  Build new Cherry County 345 kV Substation.	10/1/2013 10/1/2013	1/1/2018 1/1/2018
NPPD NPPD				
NPPD NPPD	Neligh - Hoskins 345 kV Ckt1	Build a new 50 mile 345 kV line from Hoskins to Neligh	10/1/2013	3/1/2019
NPPD	Neligh 345/115 kV Transformer	Construct new substation at Neligh. Install a new 345/115 kV transformer at Neligh	10/1/2013	3/1/2019
WERE	AUBURN ROAD (AUBRN77X) 230/115/13.8KV TRANSFORMER CKT 1	Replace 308MVA transformer with 400MVA transformer	6/1/2014	6/1/2017
	·	Build a new 86 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle		
		345 kV substation to the new Clark County substation. Build a new 345 kV substation at		
ITCGP	Line - Clark County - Thistle 345 kV dbl Ckt	Thistle with a ring bus and necessary terminal equipment.	10/1/2013	1/1/2015
		Build a new 92 mile double circuit 345 kV line with at least 3000 A capacity from the		
		Woodward District EHV substation to the SPS interception from the Hitchland substation.		
		Upgrade the Woodward District EHV substation with the necessary breakers and terminal		
OKGE	Line - Hitchland - Woodward 345 kV dbl Ckt OKGE	equipment.	10/1/2013	7/1/2014
SPS	Line - Hitchland - Woodward 345 kV dbl Ckt SPS	Build 30 mile double circuit 345 kV line with at least 3000 A capacity from the Hitchland substation to the OGE interception point from the Woodward District EHV substation. Upgrade the Hitchland substation with the necessary breakers and terminal equipment. Build a new 36 mile double circuit 345 kV line with at least 3000 A capacity from the	10/1/2013	7/1/2014
		Spearville substation to the new Clark County substation. Build the Clark County 345 kV		
ITCGP	Line - Spearville - Clark County 345 kV dbl Ckt	substation with a ring bus and necessary terminal equipment.	10/1/2013	1/1/2015
11001	Ene opeditine out out out on	Build a new 78 mile double circuit 345 kV line with at least 3000 A capacity from the Wichita	10/1/2010	17 172010
PW	Line - Thistle - Wichita 345 kV dbl Ckt PW	substation to the new Thistle 345 kV substation.	10/1/2013	1/1/2015
WERE	Line - Thistle - Wichita 345 kV dbl Ckt WERE	Upgrade the Wichita substation with the necessary breakers and terminal equipment to accommodate two new 345 kV circuits from the new Thistle 345 kV substation	10/1/2013	1/1/2015
		Build a new 79 mile double circuit 345 kV line with at least 3000 A capacity from the Woodward District EHV substation to the Kansas/Oklahoma state border towards the Thistle substation. Upgrade the Woodward Distric EHV substation with the necessary breakers and		
OKGE	Line - Thistle - Woodward 345 kV dbl Ckt OKGE	terminal equipment.	10/1/2013	1/1/2015
JILOL	Elic Tillalo Trobandia 040 KY doi OR OROE	Build a new 30 mile double circuit 345 kV line with at least 3000 A capacity from the Thistle	10/1/2013	., ./2013
DIM	Line Thirds Westweet OVE IV the Old PW	substation to the Kansas/Oklahoma state border towards the Woodward District EHV	40/4/0040	4/4/0045
PW	Line - Thistle - Woodward 345 kV dbl Ckt PW	substation.	10/1/2013	1/1/2015
OKGE	Line - Tuco - Woodward 345 kV line OKGE	Build new 345 kV line from Woodward EHV to Border - Project costs now include Border reactor substation	10/1/2013	6/1/2014
SPS	Line - Tuco - Woodward 345 kV line SPS	Build new 345 kV line from Tuco to OGE's Border station near TX/OK Stateline. Install line reactor outside Border station and line reactors at Tuco.	10/1/2013	6/1/2014
ITCGP	XFR - Thistle 345/138 kV	Install a 400 MVA 345/138 kV transformer at the new 345 kV Thistle substation.	10/1/2013	1/1/2015

Reliability Projects - The requested service is contingent upon completion of the following upgrades. Cost is not assignable to the transmission customer.

Transmission Owner	Upgrade	Solution	Earliest Date Upgrade Required (DUN)	Estimated Date of Upgrade Completion (EOC)
KACP	CRAIG - LENEXA NORTH 161KV CKT 1	Rebuild 2.95 miles	6/1/2014	6/1/2016
KACP	GREENWOOD - LENEXA NORTH 161KV CKT 1	Rebuild 3.89 miles	6/1/2014	6/1/2016
KACP	LEEDS - WINCHESTER JUNCTION NORTH 161KV CKT 1	Replace Terminal Equipment	6/1/2018	6/1/2018
KCPL	REDEL - STILWELL 161KV CKT 1	Reconductor line and upgrade terminal equipment for 2000 amps	6/1/2018	6/1/2018
MIPU	BLUE SPRING SOUTH - BLUE SPRINGS EAST 161KV CKT 1 #1	Upgrade Prairie Lee wave trap to 2000 Amps.	6/1/2014	6/1/2014
MIPU	BLUE SPRING SOUTH - PRAIRIE LEE 161KV CKT 1 #1	Replace Prairie Lee 800 amp wavetrap with 1200 amp unit	6/1/2014	6/1/2015
MIPU	LONGVIEW - WESTERN ELECTRIC 161KV CKT 1 #1	Replace 800 amp wavetrap with 1200 amp unit	6/1/2014	6/1/2014
NPPD	Cherry Co - Gentleman 345 kV Ckt1	Build new 345 kV Transmission Line from GGS 345 kV Substation to a new Cherry County 34		1/1/2018
NPPD	Cherry Co - Holt Co 345 kV Ckt1	Build new 345 kV Transmission Line from new Cherry County 345 kV Substation to new 345 l	10/1/2013	1/1/2018
NPPD	Cherry Co 345 kV Terminal Upgrades	Build new Cherry County 345 kV Substation.	10/1/2013	1/1/2018